WHEEL HOUSING LINER

FRONT WHEEL HOUSING LINER, ASSEMBLY OVERVIEW

NOTE: The following list refers to items in Fig. 1 .

1. **Wheel housing liner**
   - Material: PP/EPDM.
   - Removing:
     - Remove wheel. Wheel bolt torque setting = 120 N.m.
     - Remove bolts/screws -2- (Qty. 15) and remove wheel housing liner.
2. **Bolt/screw**
3. **Spreader nut**
4. **Snap (speed) nut**
   - Installed onto bumper cover or fender.

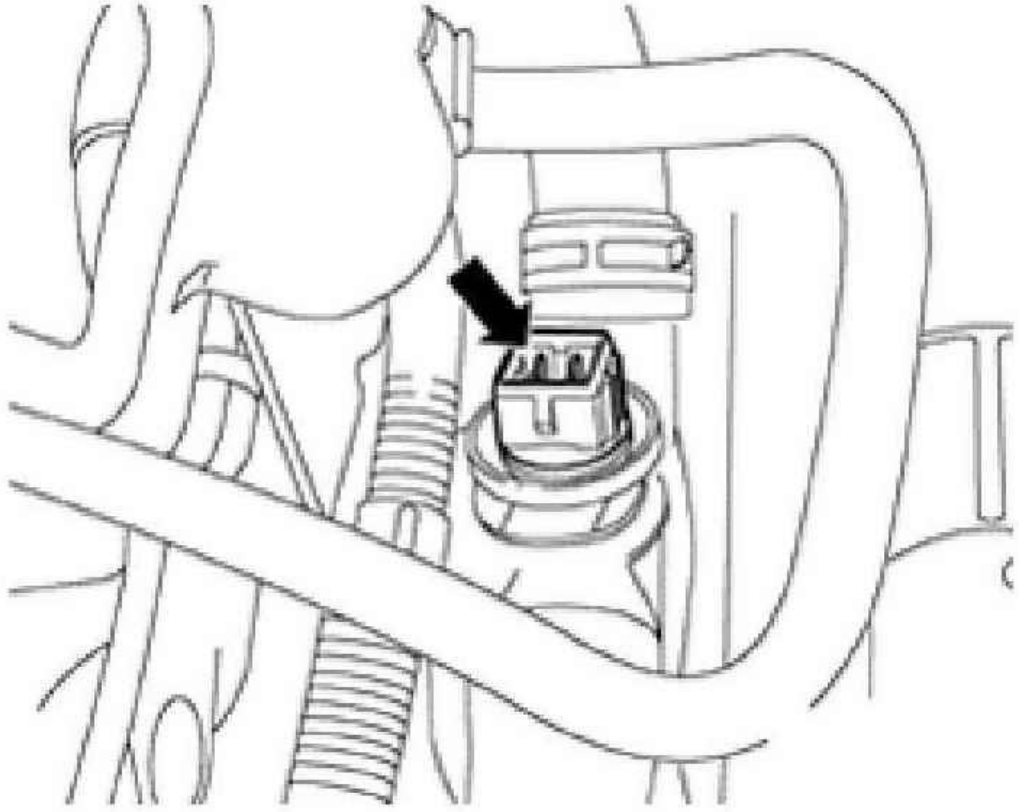


Fig. 1: Removing Front Wheel Housing Liner Assembly
Courtesy of VOLKSWAGEN OF AMERICA, INC.

REAR WHEEL HOUSINGS LINER, ASSEMBLY OVERVIEW

NOTE: The wheel housing securing elements (number and position) differ slightly depending on vehicle equipment level.

NOTE: The following list refers to items in Fig. 2 .

1. **Wheel housing liner**
   - Material: PP/EPDM.
   - Removing:
     - Remove wheel. Wheel bolt torque setting = 120 N.m.
     - Right-hand side only, remove cover to wheel housing liner connecting bolt/screw.

- Right-hand side only, place fuel tank filler module hose through hose retainer (Convertible).
- Remove bolts/screws - 3 - (Qty. 14) and nut -2- and remove wheel housing liner.

2. **Nut**
3. **Bolt/screw**
4. **Spreader nut**
5. **Cover**
   - Right-hand side only.
6. **Spring nut**
7. **Snap (speed) nut**
   - Installed onto bumper cover or fender.

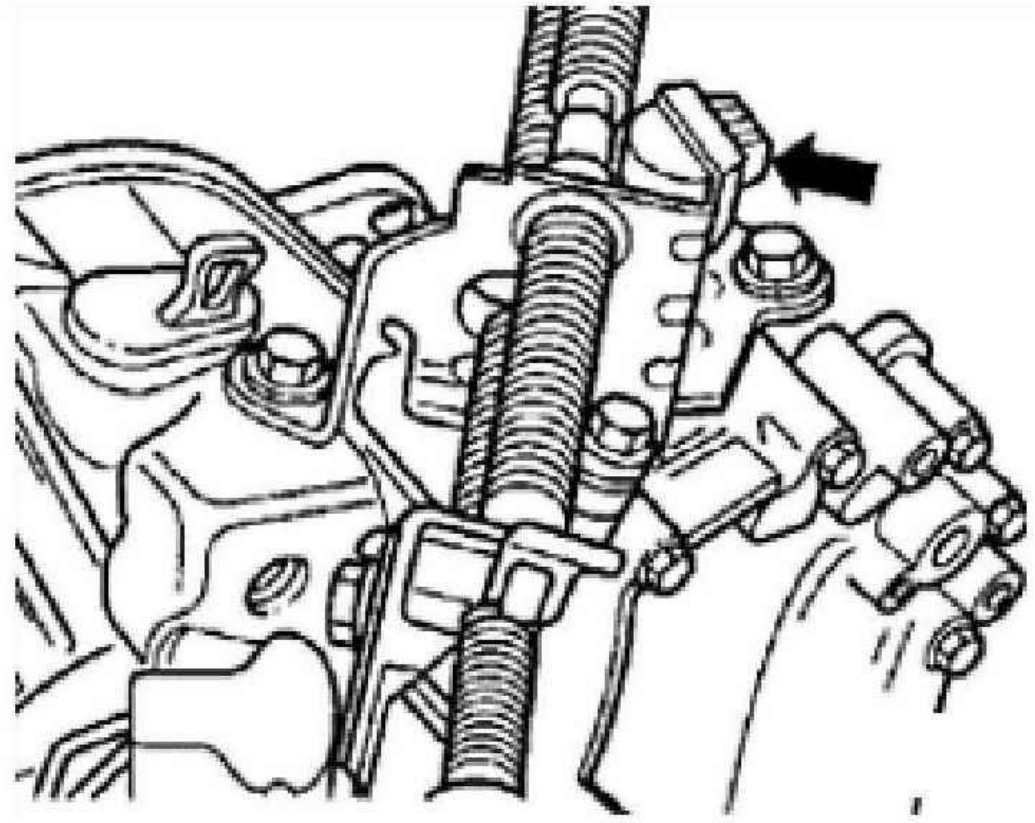


Fig. 2: Removing Rear Wheel Housings Liner Assembly
Courtesy of VOLKSWAGEN OF AMERICA, INC.

EXTERIOR REAR VIEW MIRROR

TOOLS

Special tools, workshop equipment, testers, measuring instruments and auxiliary items required

- 80-200 Pry Lever - RMV Outside Mirror.
- VAS 1978 Wiring Harness Repair Kit

MIRROR GLASS, REMOVING AND INSTALLING

NOTE: Always wear protective goggles and protective gloves.

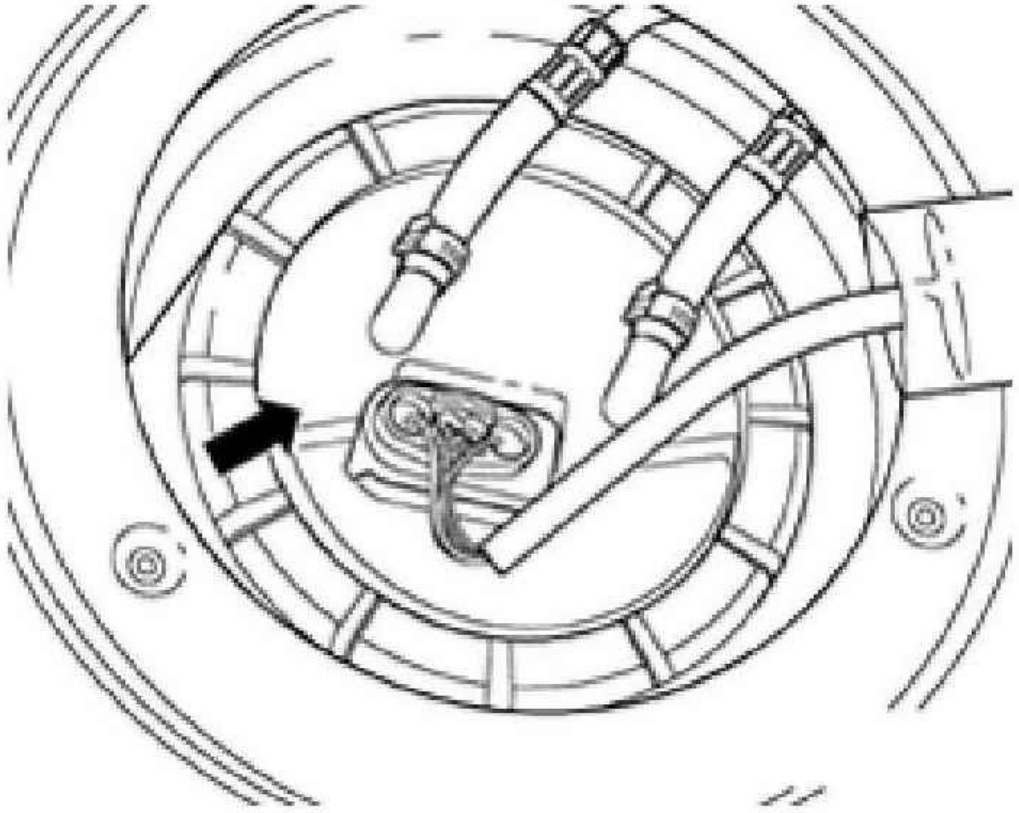
- Switch off ignition and all electrical accessories and remove ignition key from ignition lock.

Removing

- Protect housing edge to prevent damage to paintwork, with for example, textile reinforced adhesive tape -2-.
- Push top edge of mirror glass -1- into mirror housing -arrow-.
- Push mirror glass -1- off retainer in housing with 80-200 Pry Lever - RMV Outside Mirror and disconnect connector contacts on rear of mirror for mirror heater.

Installing

- Reconnect connector contacts for mirror heater.
- Push mirror glass centrally onto retainer in housing.



G03259903

Fig. 3: Pushing Top Edge Of Mirror Glass Into Mirror Housing
Courtesy of VOLKSWAGEN OF AMERICA, INC.

MIRROR HOUSING, REMOVING AND INSTALLING

For New Beetle models up to 05.00, see **MIRROR HOUSING, REMOVING AND INSTALLING** .

For New Beetle models from 06.00 and up, see **NEW BEETLE - Models From 06.00 And Up** .

New Beetle (Convertible), see **NEW BEETLE (CONVERTIBLE)** .

- Remove mirror glass, see **MIRROR GLASS, REMOVING AND INSTALLING** .

New Beetle - Models Up To 05.00

- Push screwdriver -2-, in direction of arrow, against locking device under retainer -4- and release mirror

housing -1-.

- Pull mirror housing -1- off mirror carrier -3- upward.

Fig. 4: Pulling Mirror Housing Off Mirror Carrier Upward (Models Up To 05.00)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

New Beetle - Models From 06.00 And Up

- Unclip trim -1- from mirror housing. Using a screwdriver, Release locking device -arrow-.

Fig. 5: Removing Trim From Mirror Housing (Models From 06.00 And Up)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Push screwdriver -2-, in direction of arrow, against locking device over the retainer -4- and release mirror housing -1-.
- Release mirror housing -1- from lower retainer -3- and remove mirror off of base carrier -3- by turning respectively.

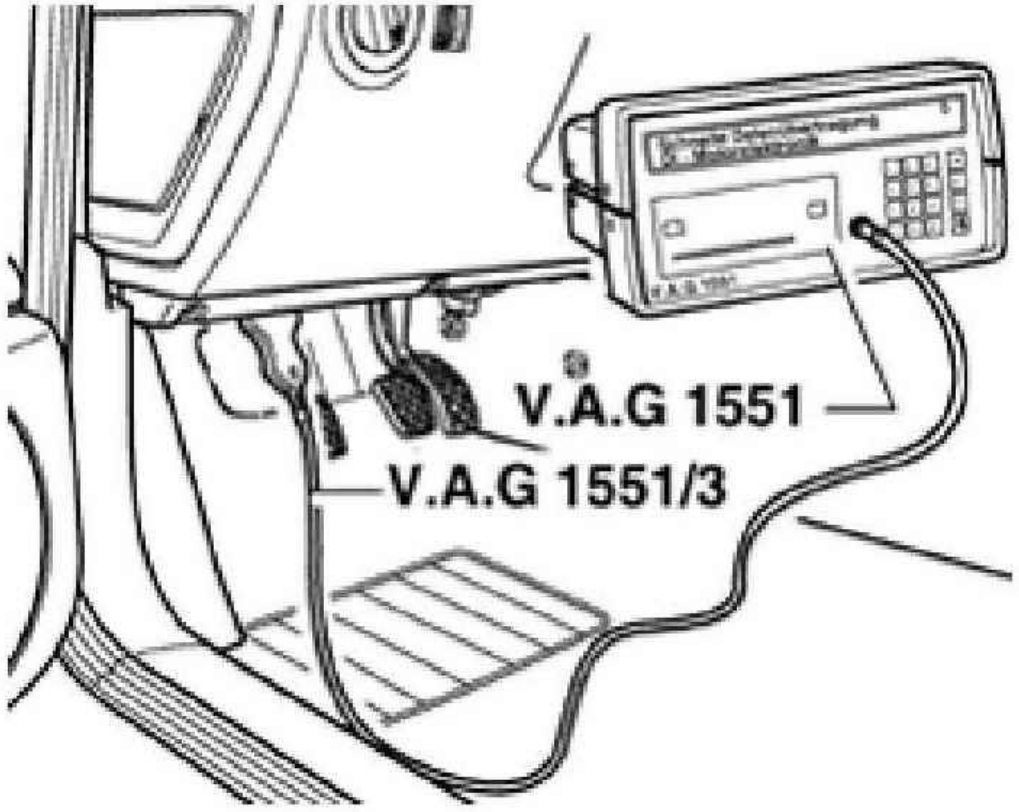


Fig. 6: Pushing Screwdriver Against Locking Device Over Retainer (Models From 06.00 And Up)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

New Beetle (Convertible)

Removing

- Switch off ignition and all electrical accessories and remove ignition key from ignition lock.
- Unclip trim -1- from mirror housing. Release locking device -arrow- with screwdriver to do this.

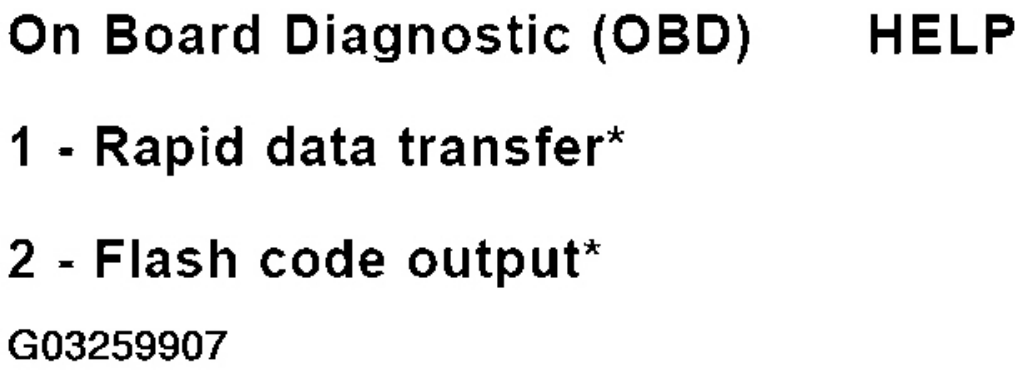


Fig. 7: Removing Trim From Mirror Housing (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Push a screwdriver -2-, in direction of -arrow-, against locking device over retainer -5- and release mirror housing -1-.

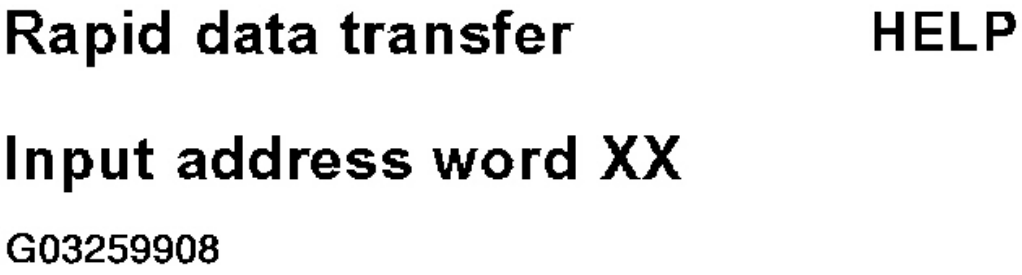


Fig. 8: Pushing Screwdriver Against Locking Device Over Retainer (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Release mirror housing -1- from lower retainer -4- and release connection for turn signal -3- and disconnect connector.
- Remove mirror housing -1- from mirror base carrier -4- by turning respectively.

Installing

Installation is reverse of removal.

TURN SIGNAL BULB, REMOVING AND INSTALLING

NOTE:

- **Exterior mirror turn signal bulb is long lasting light emitting diode (LED) and not normal light bulb.**
- **Complete turn signal unit must be replaced if damaged.**

Removing

- Switch off ignition and all electrical accessories and remove ignition key from ignition lock.

Left Mirror Turn Signal Lamp -L131- and Right Mirror Turn Signal Lamp -L132- are installed into the respective exterior mirror -arrow-.

Fig. 9: Locating Left Mirror Turn Signal Lamp
Courtesy of VOLKSWAGEN OF AMERICA, INC.

To remove turn signal bulb following work must be performed:

- Remove mirror glass, see **MIRROR GLASS, REMOVING AND INSTALLING** .
- Remove mirror glass housing, see **MIRROR HOUSING, REMOVING AND INSTALLING** .
- Remove screw -1- from interior of mirror housing and carefully unclip retaining lug -arrow-.

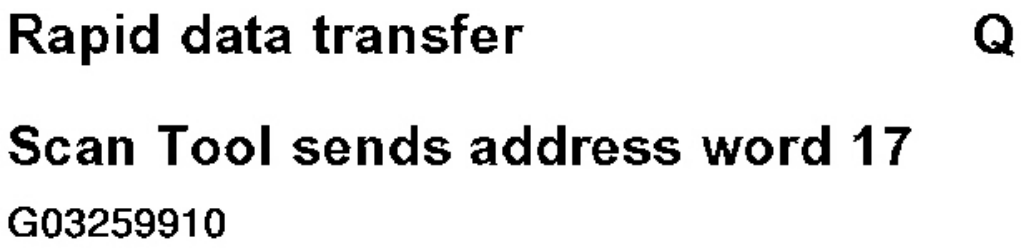


Fig. 10: Removing Screw From Interior Of Mirror Housing
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Swing turn signal -1- bulb in direction of -arrow- and remove.

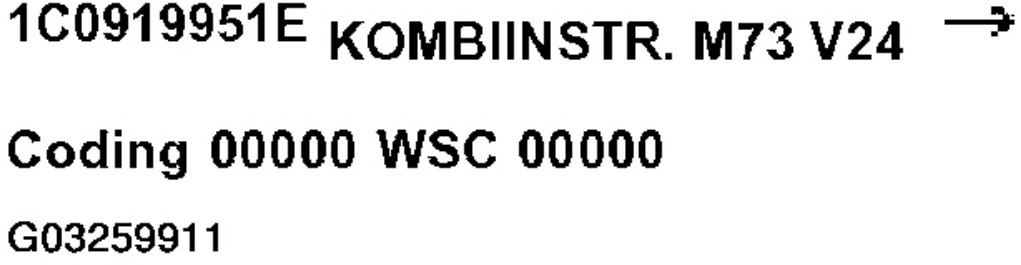


Fig. 11: Removing Turn Signal Bulb
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

- Install turn signal -1- bulb into mirror housing -2-, as shown by -arrows- in **Fig. 12** , and swing inward in direction of -arrow-.

Fig. 12: Installing Turn Signal Bulb Into Mirror Housing
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Clip locking lug in -arrow- and tighten screw -1- to torque of 1 N.m.

  Installation is reverse of removal.

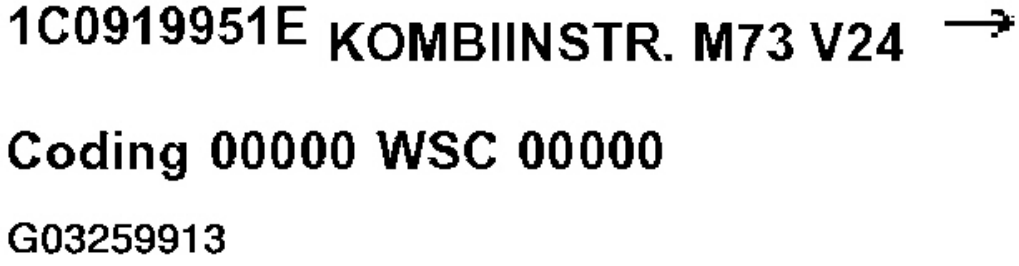


Fig. 13: Installing Screw Onto Interior Of Mirror Housing
Courtesy of VOLKSWAGEN OF AMERICA, INC.

EXTERIOR REAR VIEW MIRROR, REMOVING AND INSTALLING

For New Beetle models up to 05.00, see **EXTERIOR REAR VIEW MIRROR, REMOVING AND INSTALLING** .

For New Beetle from 06.00 and up, see **NEW BEETLE - MODELS FROM 06.00 AND UP** .

New Beetle (Convertible): see **NEW BEETLE CONVERTIBLE** .

New Beetle - Models Up To 05.00

- Remove front door trim.

See **FRONT DOOR TRIM, REMOVING AND INSTALLING** .

- Disconnect connector for exterior mirror and remove wiring from assembly carrier and door -arrows-.

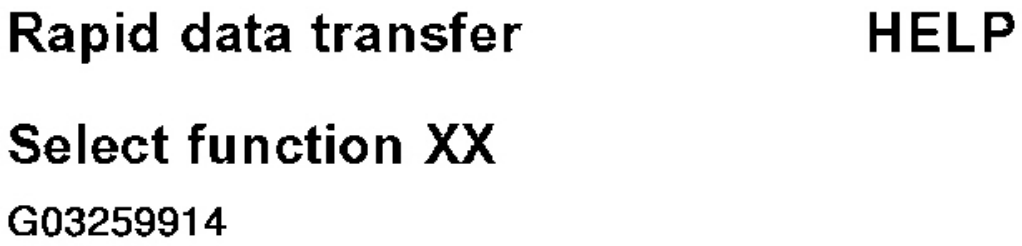


Fig. 14: Disconnecting Connector For Exterior Mirror
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Cover connector with adhesive tape (catches in door if edges etc. are not bound and rounded) or press contacts out of housing with removal tool from VAS 1978 Wiring Harness Repair Kit when guiding through.
- Remove screws -1- and remove triangular shaped trim -2- toward rear -arrow-.

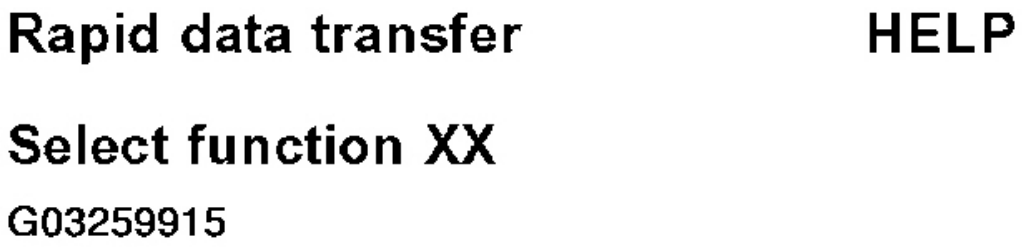


Fig. 15: Removing Triangular Shaped Trim (Models Up To 05.00)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove bolts/screws -1- and remove exterior mirror -2- off door hinge -3-. Torque setting: Bolts/screws -1- = 10 N.m.

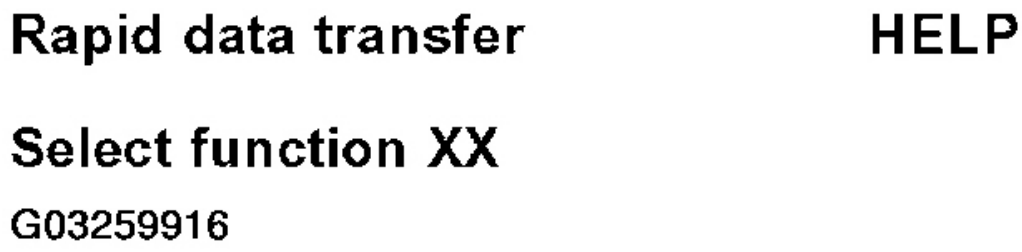


Fig. 16: Removing Exterior Mirror From Door Hinge (Models Up To 05.00)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

NOTE:

- **Hidden bolt/screw is accessible once door is opened.**
- **Guide electrical wiring through door openings.**

Install in reverse order of removal.

- Route and secure electrical wiring correctly, especially in area of window slot, otherwise it is possible that the window will be blocked when opening or closing the window. Perform functional check!

New Beetle - Models From 06.00 And Up

- Remove front door trim

  See **FRONT DOOR TRIM, REMOVING AND INSTALLING** .

- Disconnect connector for exterior mirror and remove wiring from assembly carrier and door -arrows-.
- Cover connector with adhesive tape (catches in door if edges etc. are not bound and rounded) or press contacts out of housing with removal tool from VAS 1978 Wiring Harness Repair Kit when guiding through.

Fig. 17: Disconnecting Connector For Exterior Mirror
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove cover cap -4- using a screwdriver.

Fig. 18: Removing Cover Cap (Models From 06.00 And Up)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove screws -1- and -3- and remove triangular shaped trim -2- off toward rear -arrow-.
- Remove bolts/screws -1- and take exterior mirror -2- off door hinge -3-. Torque setting: Bolts/screws -1- = 10 N.m.

Fig. 19: Removing Exterior Mirror From Door Hinge (Models From 06.00 And Up)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

NOTE:

- **Hidden bolt/screw is accessible once door is opened.**
- **Guide electrical wiring through door openings.**

Install in reverse order.

- Route and secure electrical wiring correctly, especially in area of window slot, otherwise it is possible that window will be blocked when opening or closing the window. Perform functional check!

New Beetle Convertible

Removing

- Switch off ignition and all electrical accessories and remove ignition key from ignition lock.
- Remove front door trim

  See **FRONT DOOR TRIM (CONVERTIBLE), REMOVING AND INSTALLING** .

- Disconnect connection -1- for exterior mirror and remove wiring from assembly carrier and door -arrows- .

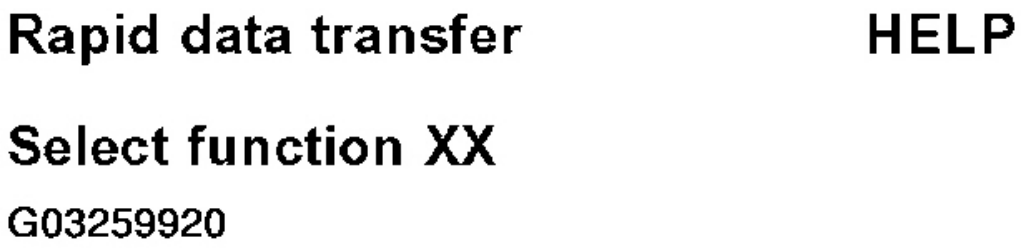


Fig. 20: Disconnecting Connection For Exterior Mirror (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Cover connector with adhesive tape (catches in door if edges etc. are not bound and rounded) when guiding through.
- Fold exterior rear view mirror to rear for ease of assembly.
- Remove cover cap -4- using a screwdriver.
- Remove screws -1- and -3- and remove forward triangular shaped trim -2- toward rear -arrow-.

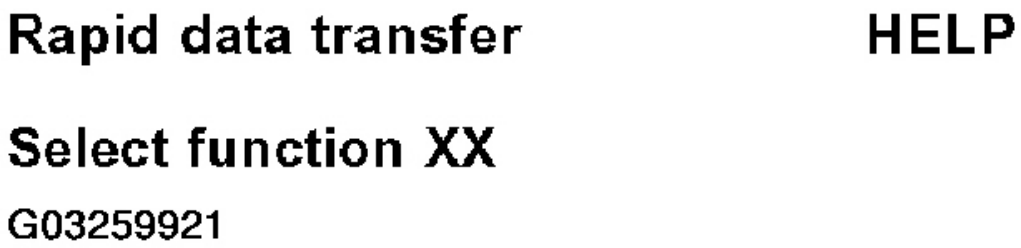


Fig. 21: Removing Triangular Shaped Trim (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove hidden bolts/screws in front window guide -arrows-.
- Remove rearmost cover -1-.
- Remove insulation for rearmost cover.

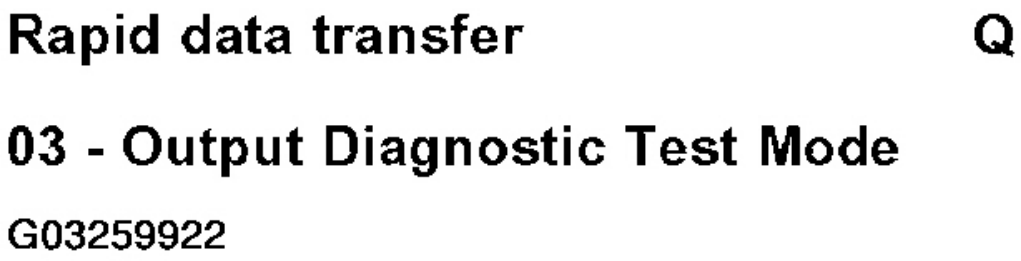


Fig. 22: Removing Rearmost Cover (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove bolts/screws -1- and take exterior rear view mirror -2- off door hinge -3-. Torque setting: Bolts/screws -1- = 10 N.m.

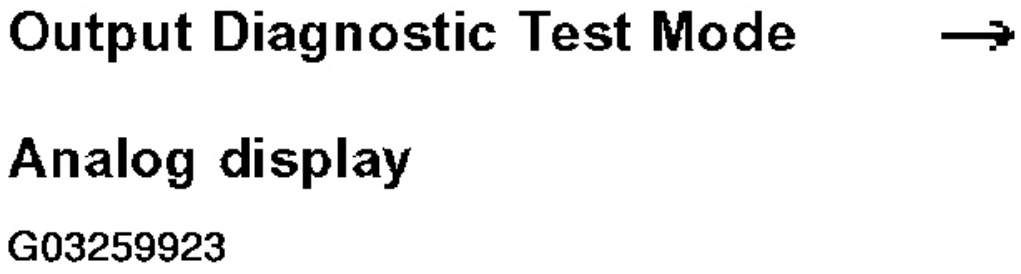


Fig. 23: Removing Exterior Rear View Mirror From Door Hinge (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Installation is reverse of removal.

NOTE:

- **Guide electrical wiring through door openings.**
- **Route and secure electrical wiring correctly, especially in area of window slot, otherwise it is possible that window will be blocked when opening or closing the window. Perform functional check!**

REAR SPOILER, ASSEMBLY OVERVIEW

NOTE: The following list refers to items in Fig. 24 .

1. **Rear spoiler assembly**
   - With channel guides, upper guide tubes and cables.
   - Grease channel guides with G 000 450 02.
   - Removing and installing, see **REAR SPOILER ASSEMBLY, REMOVING AND INSTALLING** .
   - Checking and adjusting parallel running, see **PARALLEL RUNNING, CHECKING AND ADJUSTING** .
2. **Rear Spoiler Control Module -J223-**
   - On Board Diagnostic

     See **REAR SPOILER, ON BOARD DIAGNOSIS (OBD)** .

   - Removing and installing, see **REAR SPOILER DRIVE, REMOVING AND INSTALLING** .
3. **Lower guide tube**
   - Removing and installing, see **CABLE LOWER GUIDE TUBE, REMOVING AND INSTALLING** .
4. **Rear Spoiler Motor -V52-**
   - Removing and installing, see **REAR SPOILER DRIVE, REMOVING AND INSTALLING** .
5. **Rear Spoiler Switch -E127-**
   - Below instrument panel close to steering column.
   - To manually raise and lower spoiler, see **REAR SPOILER, MANUALLY RAISING AND LOWERING** .
6. **Rear spoiler adjustment warning lamp**
7. **Rubber buffer**

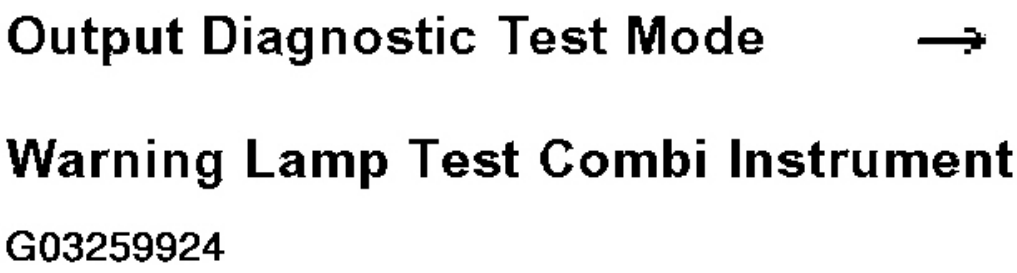


Fig. 24: Identifying Rear Spoiler Assembly Components
Courtesy of VOLKSWAGEN OF AMERICA, INC.

FUNCTION

Rear spoiler raises automatically when vehicle speed reaches 150 km/h (approx. 94 mph). or 70 km/h (approx. 43 mph respectively) (USA). If, at this speed sunroof is open or raised then sunroof will close automatically.

If vehicle speed drops below 130 km/h or 70 km/h (approx. 81 mph or approx. 43 mph respectively) rear spoiler will lower automatically. Sunroof will open again.

Rear Spoiler Control Module -J223- detects malfunctions in rear spoiler system and stores these in a non-volatile memory.

Using On Board Diagnostics the malfunctions can be read and repairs undertaken using Guided Fault Finding (GFF).

See **REAR SPOILER, ON BOARD DIAGNOSIS (OBD)** .

Malfunction in rear spoiler system is indicated via rear spoiler warning lamp -arrow- when in automatic mode. Warning lamp also lights up when rear spoiler is raised manually, see **REAR SPOILER, MANUALLY RAISING AND LOWERING** .

WARNING: Behavior of the vehicle can change at high speeds if spoiler does not move into raised position.

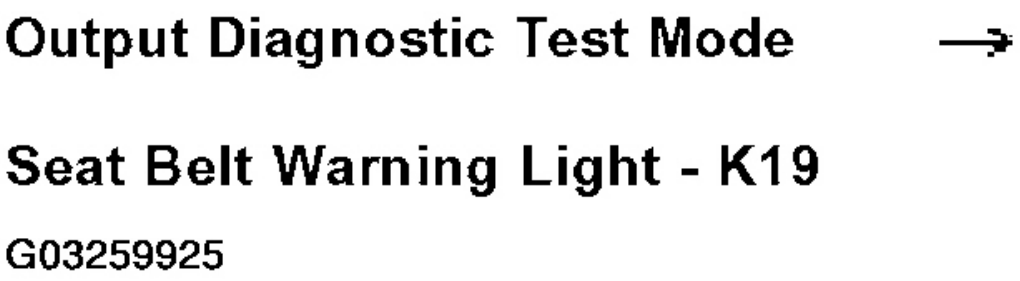


Fig. 25: Identifying Rear Spoiler Warning Lamp
Courtesy of VOLKSWAGEN OF AMERICA, INC.

REAR SPOILER, MANUALLY RAISING AND LOWERING

Switch for manually raising and lowering rear spoiler (Rear Spoiler Switch -E127-) is located under instrument

panel near steering column. Raising and lowering rear spoiler manually can only be undertaken when vehicle is stationary or travelling less than 150 km/h or 70 km/h (approx. 81 mph or approx. 43 mph respectively).

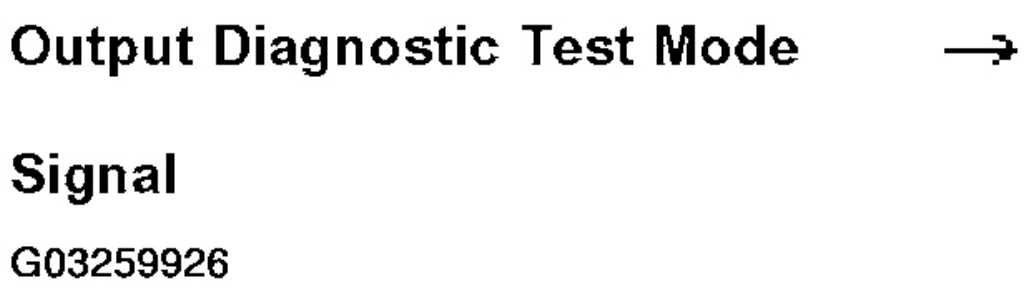


Fig. 26: Identifying Switch For Manually Raising And Lowering Rear Spoiler
Courtesy of VOLKSWAGEN OF AMERICA, INC.

When ignition is switched on and switch is moved to position -1- rear spoiler moves to fully raised position in one movement. Lowering is completed in several steps until limit stop is reached when switch is moved to position -2-.

WARNING:

- **There is a danger of being caught/trapped!**
- **Always make sure there is sufficient clearance when raising and lowering rear spoiler manually.**

When working on rear spoiler it is sensible to raise rear spoiler fully before commencing work on unit.

NOTE: Do not press raised spoiler inward (or pull outward) by hand further.

REAR SPOILER DRIVE, REMOVING AND INSTALLING

NOTE: Rear Spoiler Control Module -J223- and Rear Spoiler Motor -V52- are integrated in one component and are designated as rear spoiler drive in this description.

Removing

- Raise rear spoiler manually. See **REAR SPOILER, MANUALLY RAISING AND LOWERING** .
- Remove tailgate lower trim.

  See **TAILGATE LOWER TRIM PANEL, REMOVING AND INSTALLING** .

WARNING: Before working on electrical system: Disconnect battery Ground (GND) strap.

- Disconnect connector -arrow- from rear spoiler drive -4-. See **Fig. 27** .

NOTE: The wiring harness connections can be unhooked from the bracket on the lower guide tubes -5-.

- Loosen screw -1- and open hose clip -2- (unhook).
- Remove bolts/screws -3- and remove drive -4- from lower guide tube -5-. Torque setting: Bolts/screws -- 3- = 2.5 N.m.

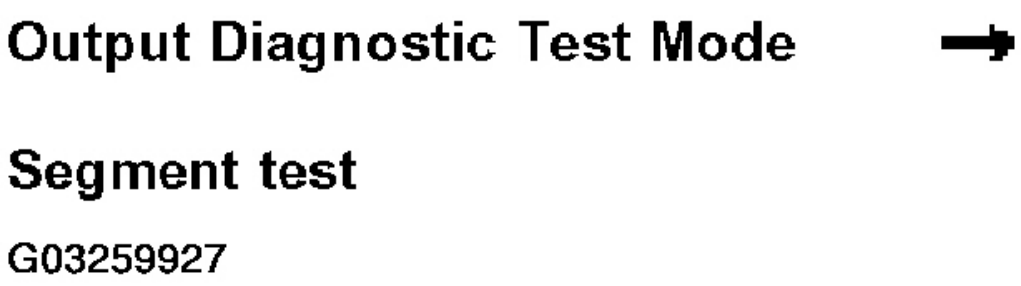


Fig. 27: Rear Spoiler Drive Components
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

Following work steps must be performed in addition when doing this.

- Check parallel running and reinstate if necessary before installing rear spoiler drive, see **PARALLEL RUNNING, CHECKING AND ADJUSTING** .
- After completing installation of the drive, lower rear spoiler completely using manual switch, then raise it again fully using manual switch, see **REAR SPOILER, MANUALLY RAISING AND LOWERING** , to initiate drive limit stop positions.

REAR SPOILER ASSEMBLY, REMOVING AND INSTALLING

Removing

- Raise rear spoiler manually. See **REAR SPOILER, MANUALLY RAISING AND LOWERING** .
- Remove tailgate/trunk lid trim panel

  See **TAILGATE/TRUNK LID TRIM** .

- Remove rear spoiler drive, see **REAR SPOILER DRIVE, REMOVING AND INSTALLING** .
- Remove six bolts/screws -1- on left and right-hand sides of top edge of tailgate -2-.

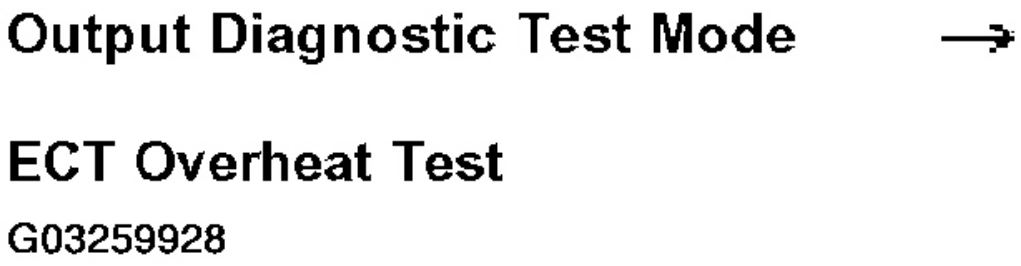


Fig. 28: Identifying Bolts/Screws On Left And Right-Hand Sides Of Top Edge Of Tailgate
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Unclip sealing grommets -1- on left and right-hand sides of tailgate -arrow-.

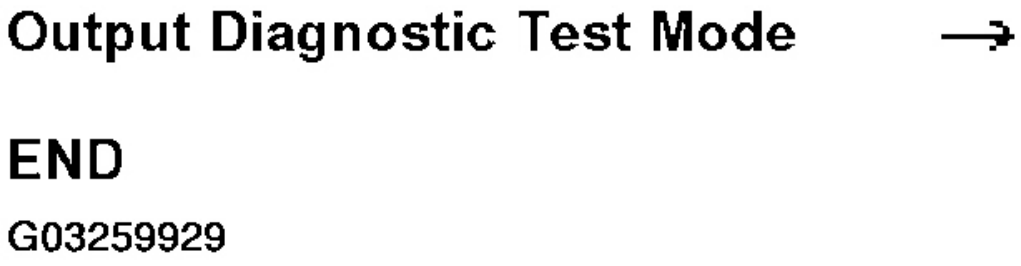


Fig. 29: Removing Sealing Grommets On Left And Right-Hand Sides Of Tailgate
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Open clips -1- on left and right-hand sides.

NOTE: Replace damaged clips -1- when installing.

- Remove rear spoiler assembly from vehicle. To do this unhook lower guide tube -2- and upper guide tube -3- and pull apart on left and right-hand sides and pull apart clip -1- when taking rear spoiler assembly off.
- Pull cable -4- out of left and right-hand sides of lower guide tube -2- when removing the rear spoiler assembly.

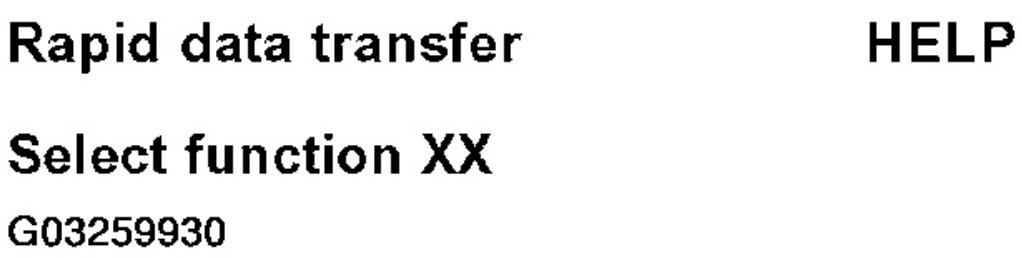


Fig. 30: Opening Clips On Left And Right-Hand Sides
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

Following work steps must be performed in addition when doing this.

- Check condition of sealing grommets -1- before installing rear spoiler assembly to tailgate. Sealing grommets must seal tailgate reliably. Replace hardened, porous or cracked grommets.

Fig. 31: Checking Condition Of Rear Spoiler Sealing Grommets
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Grease guides on channel with special grease G 000 450 02 only if necessary.
- After installing rear spoiler assembly to tailgate check parallel running and reinstate if necessary, see **PARALLEL RUNNING, CHECKING AND ADJUSTING** .
- Before installing trim to tailgate check alignment of rear spoiler -1- on tailgate and adjust if necessary.
  - Rear spoiler must seat centrally (left and right-hand sides).
  - Dimension -a- = 6 mm
  - Dimension -b- = 5 mm

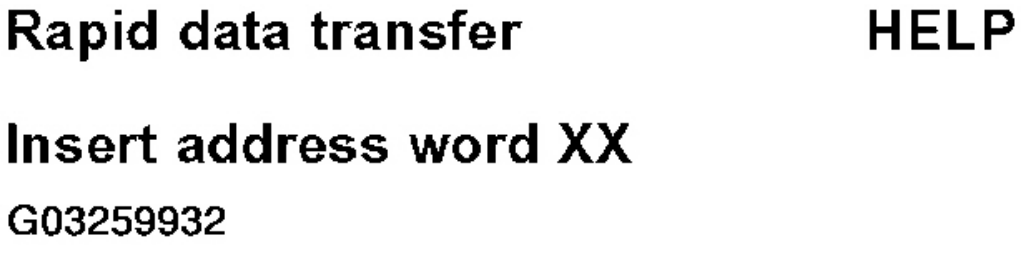


Fig. 32: Checking Alignment Of Rear Spoiler On Tailgate
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- To align rear spoiler, loosen bolts/screws -1- on top edge of tailgate -2- on left and right-hand sides and then move rear spoiler assembly within oversize holes. Torque setting: Bolts/screws -1- = 6 N.m.

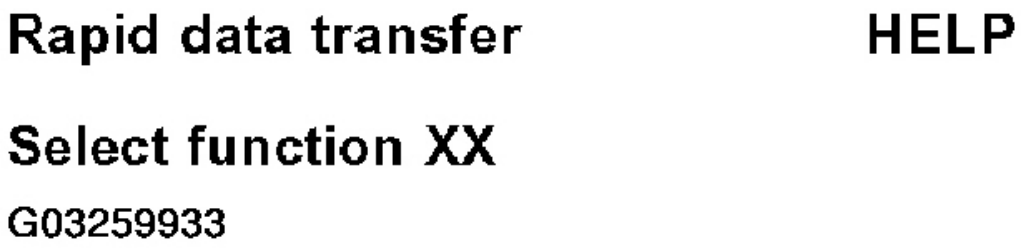


Fig. 33: Identifying Bolts/Screws On Left And Right-Hand Sides Of Top Edge Of Tailgate
Courtesy of VOLKSWAGEN OF AMERICA, INC.

PARALLEL RUNNING, CHECKING AND ADJUSTING

NOTE: A malfunctioning rear spoiler or a build-up of stress in the mechanics of rear spoiler may occur if parallel running is not set correctly. When operating rear spoiler manually rear spoiler may not stop in a raised or lowered position but may raise and lower continuously. Cause of non parallel running is wear in cables in area of rear spoiler drive unit or worn drive gear wheel.

- Raise rear spoiler manually. See **REAR SPOILER, MANUALLY RAISING AND LOWERING** .

Checking

NOTE: Fig. 34 shows guide channel on left-hand side.

Left and right-hand side channel guides -1- must be in same position (parallel). When rear spoiler is raised dimension -a- on both channel guides -1- must be same.

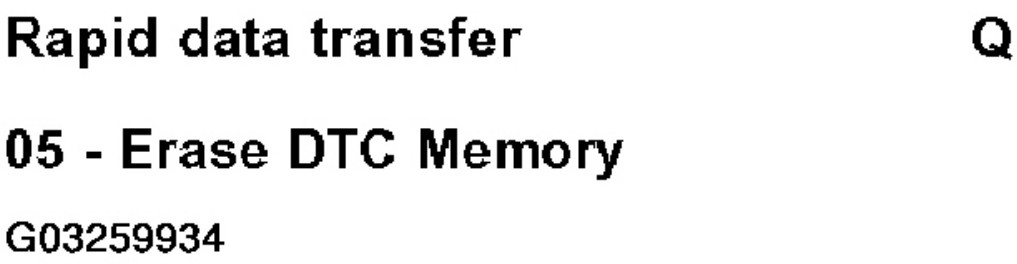


Fig. 34: Identifying Right-Hand Side Channel Guide Alignment
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Adjusting

- Remove tailgate lower trim.

  See **TAILGATE LOWER TRIM PANEL, REMOVING AND INSTALLING** .

- Remove rear spoiler drive. See **REAR SPOILER DRIVE, REMOVING AND INSTALLING** .
- Move left and right-hand channel guides (gate guides) -1- toward outer sides of vehicle -arrow- onto their respective limit stops by hand (position: rear spoiler raised fully).

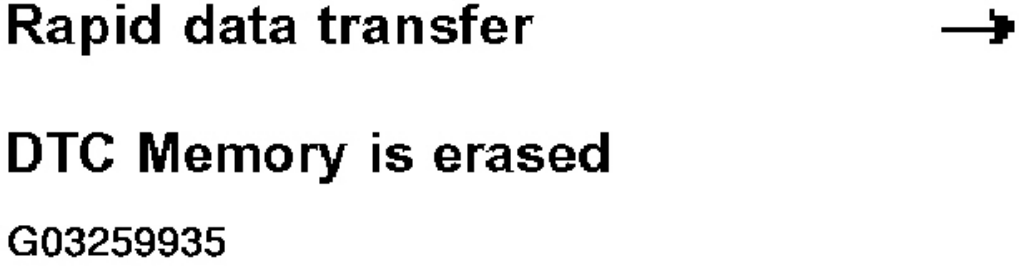


Fig. 35: Moving Left And Right-Hand Channel Guides (Gate Guides)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Install rear spoiler drive. See **REAR SPOILER DRIVE, REMOVING AND INSTALLING** .
- After completing installation of drive, lower the rear spoiler completely using manual switch, then raise it again fully using manual switch. See **REAR SPOILER, MANUALLY RAISING AND LOWERING**

to initiate drive limit stop positions.

CABLE LOWER GUIDE TUBE, REMOVING AND INSTALLING

- Remove tailgate/trunk lid trim panel.

  See **TAILGATE/TRUNK LID TRIM** .

- Remove rear spoiler drive. See **REAR SPOILER DRIVE, REMOVING AND INSTALLING** .
- Remove bolts/screws -1- of retainer -2- for lower guide tubes -3-. Torque setting: Bolts/screws -1- = 8 N.m.

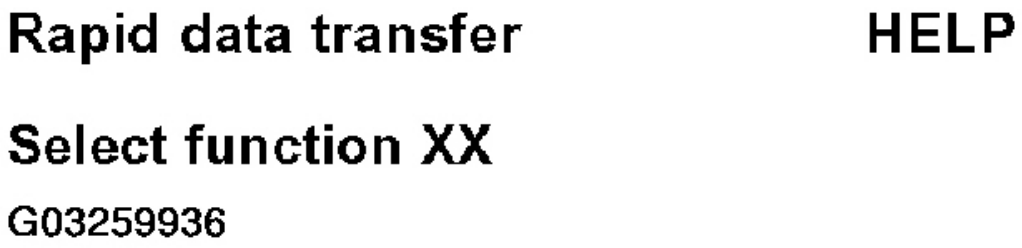


Fig. 36: Removing Bolts/Screws Of Retainer For Lower Guide Tubes
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Open clips -1- on left and right-hand sides.

  NOTE: Replace damaged clips -1- when installing.

- Unclip left and right-hand guide tubes -3- from tailgate -arrows- and pull cable -2- off.

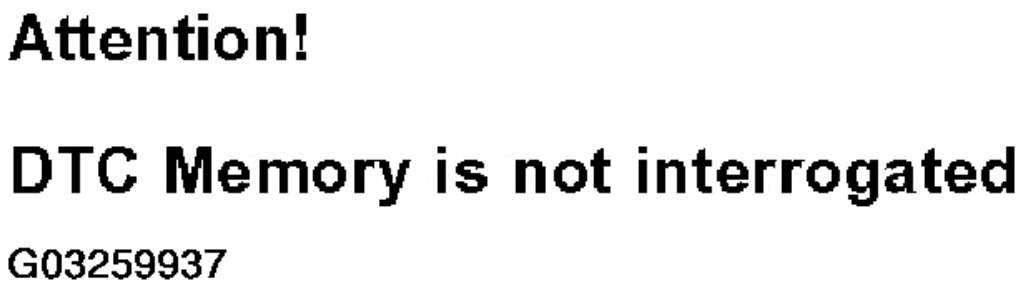


Fig. 37: Unclip Left And Right-Hand Guide Tubes -3- From Tailgate
Courtesy of VOLKSWAGEN OF AMERICA, INC.

REAR SPOILER RODS, LUBRICATING

Grease rear spoiler rods -arrows- with G 052 778.

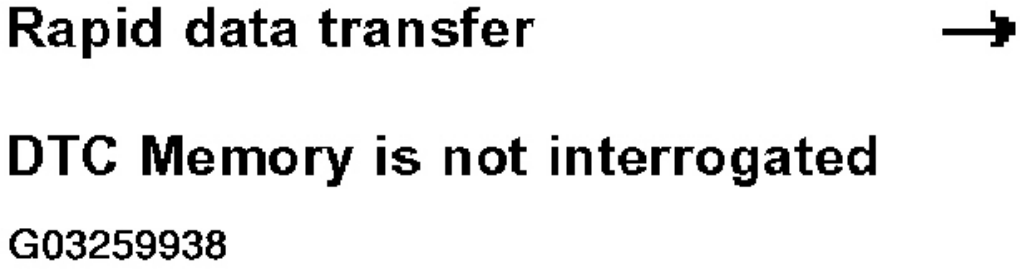


Fig. 38: Greasing Rear Spoiler Rods
Courtesy of VOLKSWAGEN OF AMERICA, INC.

INTERIOR REAR VIEW MIRROR

AUTOMATIC ANTI-DAZZLE INTERIOR REAR VIEW MIRROR

The automatic anti-dazzle mirror darkens progressively when the driver is dazzled from the rear.

It consists of a mirror element and electronics with two photo sensors.

The electronics detects the light incidence from the front and the rear via the photo sensors.

If the light incidence from the rear is greater than that from the front, the electronics passes a current through the conductive coating on the mirror.

The current supplied changes the color of the electrolyte. The greater the current the darker the electrolyte. The light incidence will no longer be reflected so intensely.

The anti-dazzle function will be switched of when selecting the reverse gear or when operating the switch on the mirror. This allows the vehicle to be driven out of a dark location (i.e. garage) using the mirror.

Functions diagram

NOTE: The following list refers to items in Fig. 1 .

1. **Interior rear view mirror**
   - Checking function:
     - Switch on ignition.
     - Cover photo sensor - 16 - and illuminated photo sensor - 10 - with an electric hand torch, the mirror surface must darken when doing this. (The reverse gear must not be selected and the anti-dazzle function must be switched on).
2. **Photo sensor**
3. **Glass pane**
4. **Electrolyte coating**
5. **Silver reflective coating**
6. **Conductive coating**
7. **Switch**
   - To manually switch the anti-dazzle function on and off.
8. **Photo sensor**
9. **Electronics**

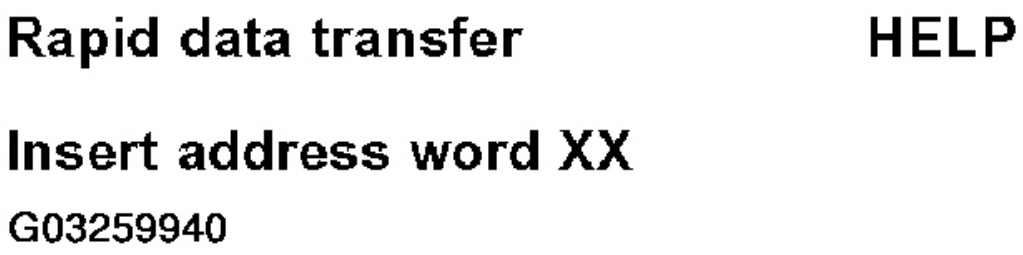


Fig. 1: Identifying Automatic Anti-Dazzle Interior Rear View Mirror Components
Courtesy of VOLKSWAGEN OF AMERICA, INC.

INTERIOR REAR VIEW MIRROR, REMOVING AND INSTALLING

Normal interior rear view mirror

- Pull rear edge of trim -1- (with clock) downward off roof trim and unhook trim along forward edge.

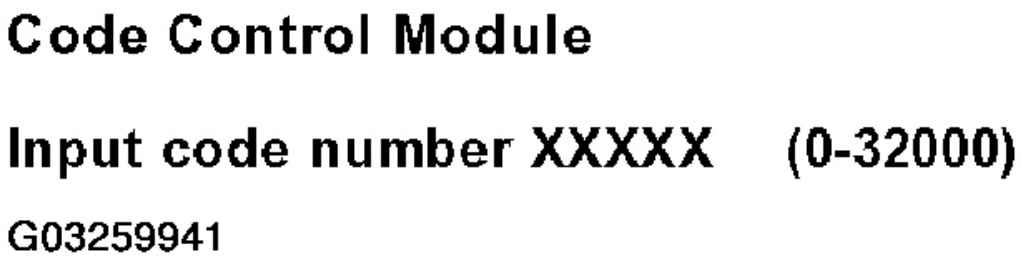


Fig. 2: Removing Rear Edge Of Trim (With Clock) Downward From Roof Trim
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Disconnect connection -2- for interior light (and clock).

Automatic anti-dazzle interior rear view mirror

- Pull trim (with clock) -1- to rear against the spring force -arrow A- and unhook trim along forward edge -arrow B-.

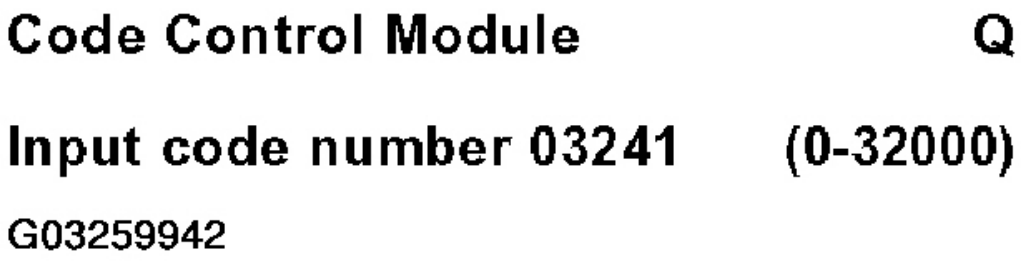


Fig. 3: Removing Trim (With Clock) To Rear Against Spring Force
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull rear edge of trim -1- downward.
- Disconnect connections.

Interior rear view mirror (Convertible)

- Pull rear edge of trim -1- (with clock) downward -arrow A- off roof trim and unhook trim along forward edge -arrow B-.

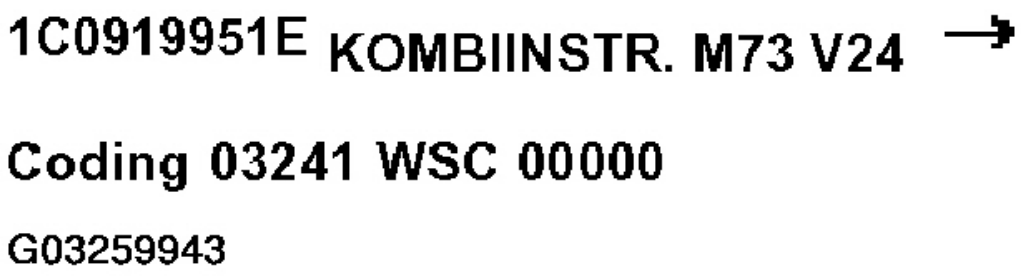


Fig. 4: Removing Rear Edge Of Trim (With Clock) Downward From Roof Trim (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Disconnect connection -2- for interior light (and clock).

Continuation for all models

- Press interior rear view mirror -1- downward at an angle -arrow- off the retaining plate (spring clip in

mirror base).

Installing

Install in reverse order of removal.

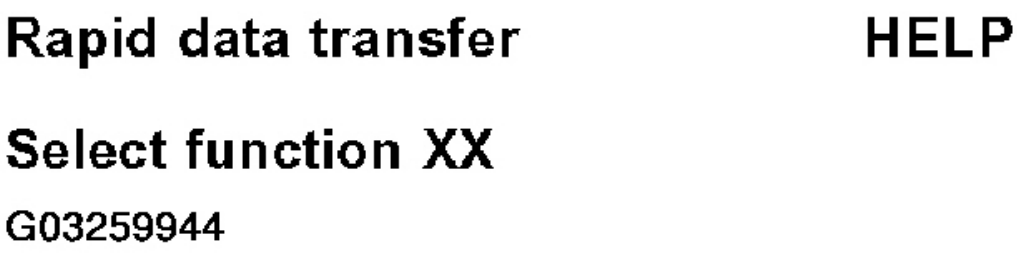


Fig. 5: Pressing Interior Rear View Mirror Downward At An Angle From Retaining Plate
Courtesy of VOLKSWAGEN OF AMERICA, INC.

STORAGE, COVERS AND TRIMS

CENTER CONSOLE UP TO 01.01, ASSEMBLY OVERVIEW

NOTE: The following list refers to items in Fig. 6 .

1. **Center console**
2. **Bolt/screw**
3. **Bolt/screw**
   - Qty. 2
4. **Cover cap**
   - Qty. 2
5. **Bolt/screw**
   - Qty. 2
6. **Rubber grommet**
7. **Ashtray**
   - Removing, see **DRINK HOLDER OR ASHTRAY FROM CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING** .
8. **Drink holder**
   - Qty. 2

- Removing, see **DRINK HOLDER OR ASHTRAY FROM CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING**

9. **Bolt/screw**
    - Qty. 2
10. **Cover**
11. **Center console insert**
12. **Bolt/screw**
    - Qty. 2
13. **Cigarette lighter**
14. **Drink holder**
    - Removing, see **DRINK HOLDER OR ASHTRAY FROM CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING** .
15. **Bolt/screw**
16. **Bolt/screw**
    - Qty. 2

Fig. 6: Exploded View Of Center Console And Trims
Courtesy of VOLKSWAGEN OF AMERICA, INC.

CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING

WARNING: Before working on electrical system: Disconnect battery Ground (GND) strap.

NOTE:

- **The removal and installation procedures may have to be modified slightly depending on equipment variants.**
- **Obtain radio unit code before disconnecting battery.**

Removing

- Remove center armrest, see **FRONT ARMREST, REMOVING AND INSTALLING** .
- Remove ashtray - 7 - as well as the drinks holders - 8 - and - 14 -. See **DRINK HOLDER OR ASHTRAY FROM CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING** .

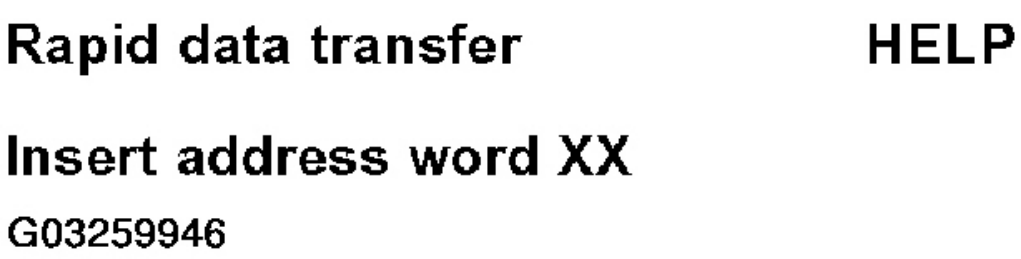


Fig. 7: Removing Center Console - Up To 01.01
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull parking brake lever on, release trim using a screwdriver and pull forward off parking brake lever -arrow-.

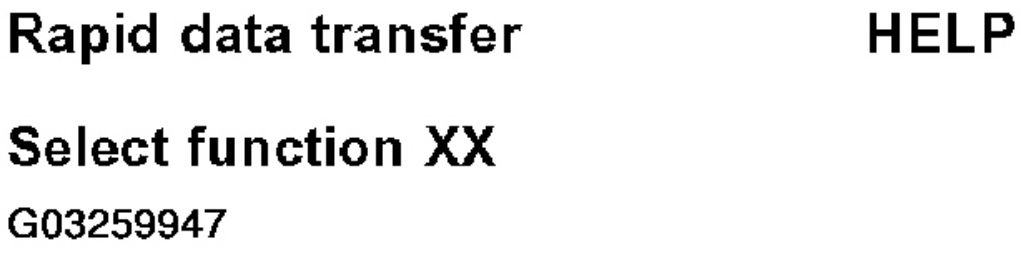


Fig. 8: Removing Trim And Pulling Forward Off Parking Brake Lever - Up To 01.01
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Unclip gearshift boot -1- from center console and slide upward.
- Only if required for further work, remove clamp -2- and remove gearshift along with boot.

NOTE: If clamp is removed, please see the following reference for installing

clamp: SELECTOR MECHANISM ON TRANSMISSION SIDE, AS OF 06.99 .

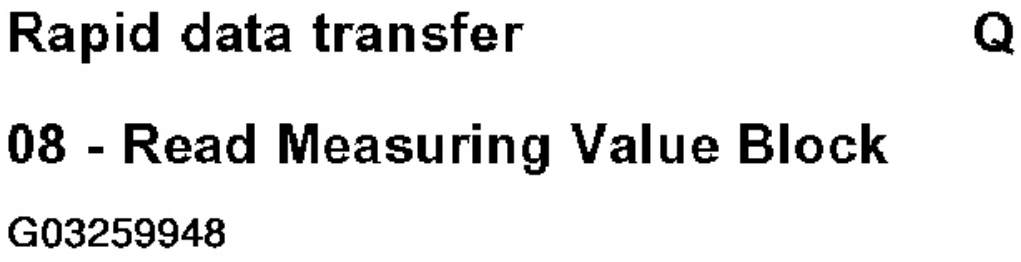


Fig. 9: Removing Gearshift Boot From Center Console - Up To 01.01
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Unscrew screws - 9 -, - 2- and - 15 -.
- Pull cover - 10 - off and separate cigarette lighter - 13 - connection.
- Remove screws -12-and take out insert -11-.
- Unclip cover caps - 4 - and remove screws - 3 -.
- Remove screws - 5 - and- 16-.
- Lift rear of center console -1-, pull to rear and remove upward over the gearshift.

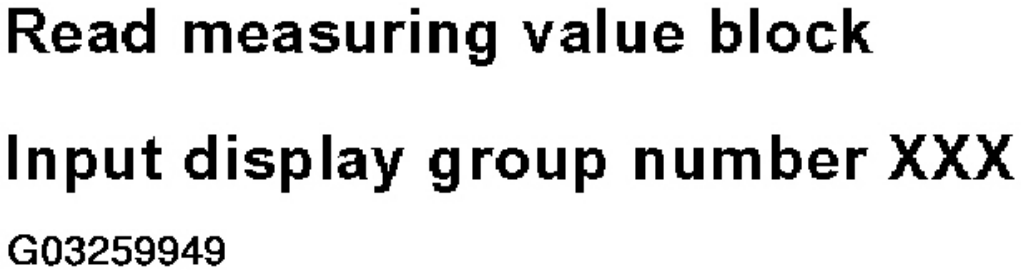


Fig. 10: Pulling Cover Off And Separating Cigarette Lighter Connection - Up To 01.01
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

NOTE: After reconnecting battery, ensure the vehicle equipment (radio, clock, electric windows) is checked as per Workshop manual and/or Owner's manual.

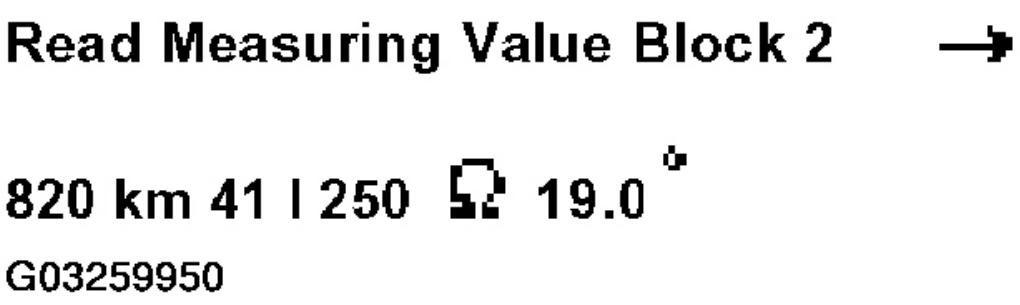


Fig. 11: Installing Storage, Covers And Trims
Courtesy of VOLKSWAGEN OF AMERICA, INC.

DRINK HOLDER OR ASHTRAY FROM CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING

NOTE: The same procedure is used to remove all drink holders and the ashtray located in the center console.

Removing

- To remove a drink holder -1- or the ashtray, turn item to the left and take off upward.

Installing

Installation is reverse of removal.

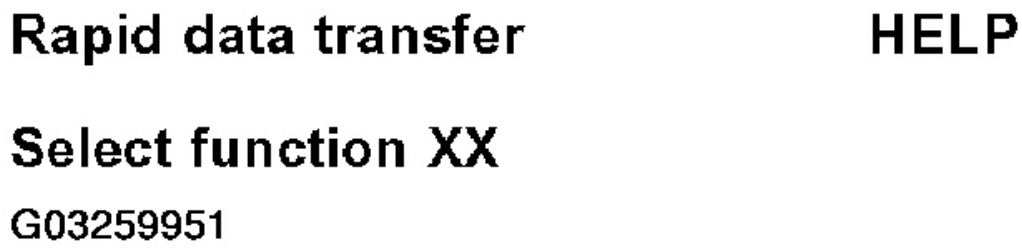


Fig. 12: Removing Drink Holder Or Ashtray - Up To 01.01
Courtesy of VOLKSWAGEN OF AMERICA, INC.

CENTER CONSOLE FROM 02.01 TO 04.03, ASSEMBLY OVERVIEW

NOTE: The following list refers to items in Fig. 13 .

1. **Center console**
2. **Bolt/screw**
   - Qty. 2
3. **Cover cap**
   - Qty. 2
4. **Bolt/screw**
   - Qty. 2
5. **Drink holder**
   - with ashtray - 6 -
   - Removing, see **DRINK HOLDER FROM 02.01, REMOVING AND INSTALLING**
6. **Ashtray**
   - Inserted into drink holder - 5 -
7. **Cigarette lighter**
8. **Cover**
9. **Cover**
10. **Power socket**
11. **Ashtray**
    - Removing, see **REAR ASHTRAY FROM CENTER CONSOLE FROM 02.01 TO 04.03, REMOVING AND INSTALLING**
12. **Center console insert**
13. **Bolt/screw**

- Qty. 2

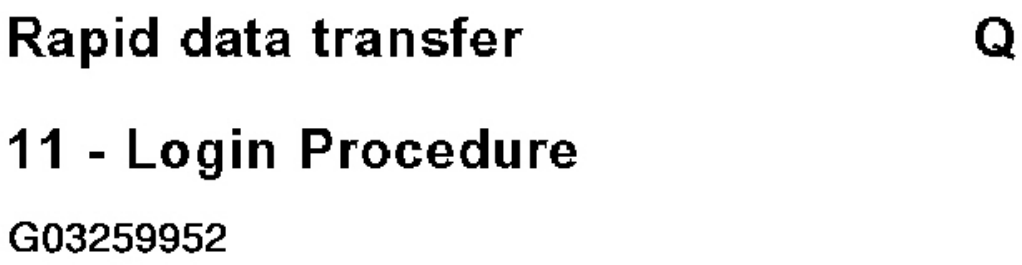


Fig. 13: Exploded View Of Center Console - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

CENTER CONSOLE FROM 02.01 TO 04.03, REMOVING AND INSTALLING

WARNING: Before working on electrical system: Disconnect battery Ground (GND) strap. See BATTERY, DISCONNECTING AND RECONNECTING .

NOTE:

- **The removal and installation procedures may have to be modified slightly depending on equipment variants.**
- **Obtain radio unit code before disconnecting battery.**

Removing

- Remove center armrest. See **FRONT ARMREST, REMOVING AND INSTALLING** .
- Remove ashtray -11-. See **REAR ASHTRAY FROM CENTER CONSOLE FROM 02.01 TO 04.03, REMOVING AND INSTALLING** . Remove drink holder - 5 -. See **DRINK HOLDER FROM 02.01, REMOVING AND INSTALLING** .

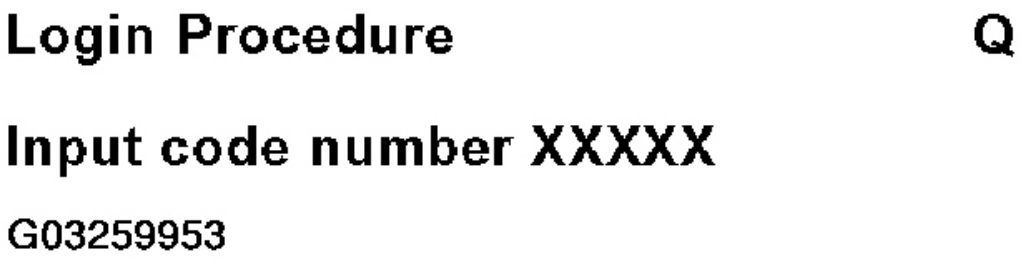


Fig. 14: Exploded View Of Center Console - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull parking brake lever on, release trim using a screwdriver and pull forward off parking brake lever -arrow-.

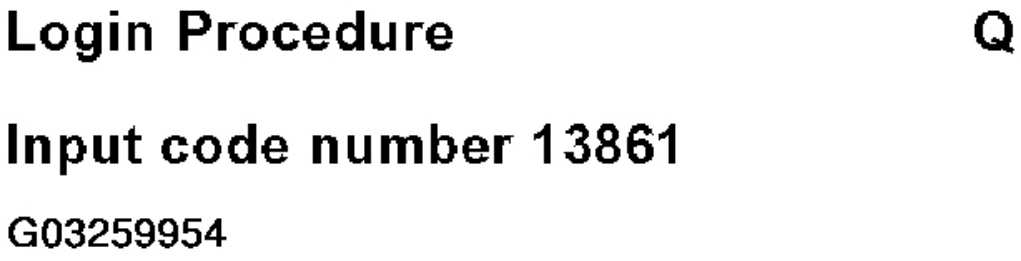


Fig. 15: Removing Trim And Pulling Parking Brake Lever - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Unclip gearshift boot -1- from center console and slide upward.

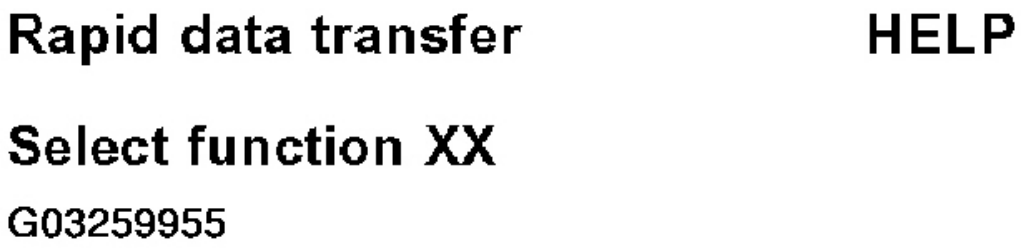


Fig. 16: Removing Gearshift Boot From Center Console - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Only if required for further work, remove clamp -2- and remove gearshift along with boot.

NOTE: Installing clamp:

See **SELECTOR MECHANISM ON TRANSMISSION SIDE, AS OF 06.99** .

- Pull cover - 8 - off and separate cigarette lighter - 7 - connection.
- Pull cover - 9 - off and separate power socket - 10 - connection.
- Remove insert - 12 -.
- Unclip cover caps - 3 -and remove screws - 2 -.
- Remove screws - 4 - and - 13-.
- Lift rear of center console -1-, pull to rear and remove upward over the gearshift.

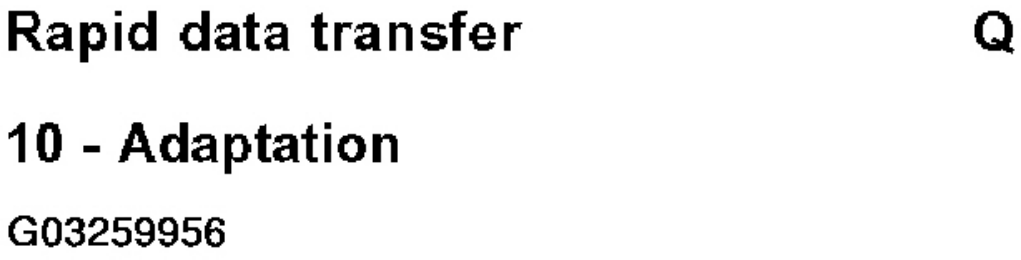


Fig. 17: Exploded View Of Center Console - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

NOTE: After reconnecting battery, ensure the vehicle equipment (radio, clock, electric windows) is checked as per Workshop manual and/or Owner's manual.

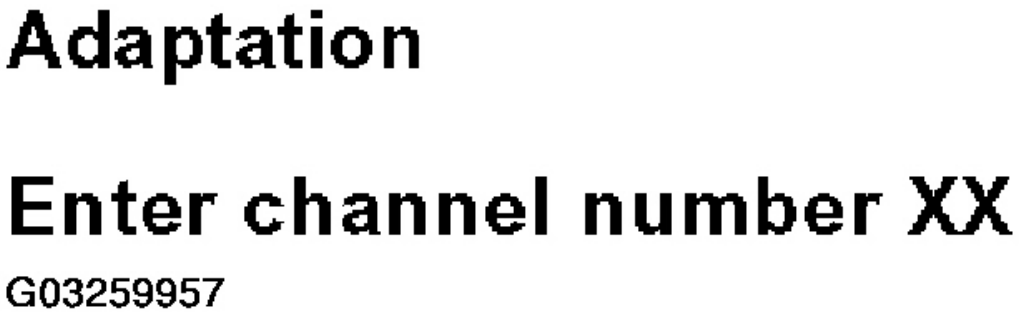


Fig. 18: Exploded View Of Center Console - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

REAR ASHTRAY FROM CENTER CONSOLE FROM 02.01 TO 04.03, REMOVING AND INSTALLING

Removing

- To remove ashtray -1-, turn item to the left and take off upward.

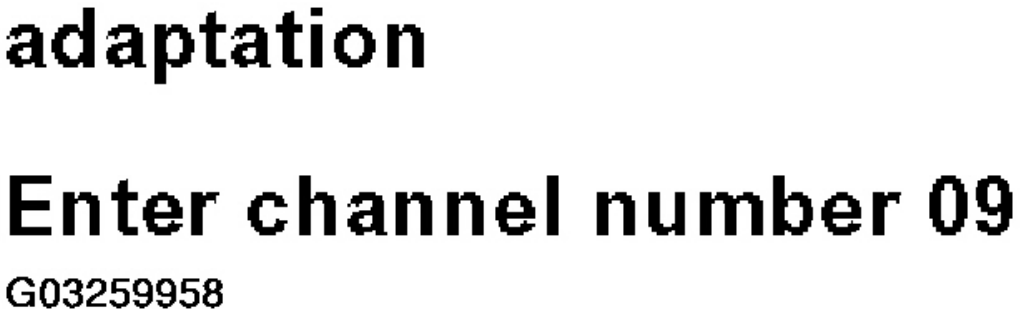


Fig. 19: Ashtray - From 02.01 To 04.03
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Installation is reverse of removal.

DRINK HOLDER FROM 02.01, REMOVING AND INSTALLING

Removing

- Slide drink holder -1- to right onto limit stop and then unhook base plate -2- (together with drink holder -1-) from center console -arrow-.

Fig. 20: Sliding Drink Holder To Right Onto Limit Stop - From 02.01
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Installation is reverse of removal.

CENTER CONSOLE FROM 05.03 IN SEDAN AND FROM BEGINNING OF PRODUCTION IN CONVERTIBLE, ASSEMBLY OVERVIEW

NOTE: The following list refers to items in Fig. 21 .

1. **Center console**
2. **Bolt/screw**
   - Qty. 2
3. **Cover cap**
   - Qty. 2
4. **Bolt/screw**
   - Qty. 2
5. **Drink holder**
   - with ashtray - 6 -
   - Removing, see **DRINK HOLDER FROM 02.01, REMOVING AND INSTALLING**
6. **Ashtray**
   - Inserted into drink holder - 5 -
7. **Cigarette lighter**
8. **Cover**
9. **Cover**
10. **Gearshift cover retaining plate**
11. **Stowage tray**
12. **Cover**
13. **Bolt/screw**
    - Qty. 4
14. **Armrest latch**
15. **Bolt/screw**
16. **Handbrake lever guide**
17. **Bolt/screw**
    - Qty. 3
18. **Armrest padding**
19. **Cover**
20. **Armrest**
21. **Cover**
22. **Bolt/screw**
    - Qty. 2

23. **Cover**
24. **Ashtray insert**
25. **Bolt/screw**
    - Qty. 2
26. **Ashtray**
27. **Drink holder**
28. **Bolt/screw**
    - Qty. 3
29. **Bolt/screw**
    - Qty. 2
30. **Nut**
    - Qty. 2
31. **Bolt/screw**
    - Qty. 2

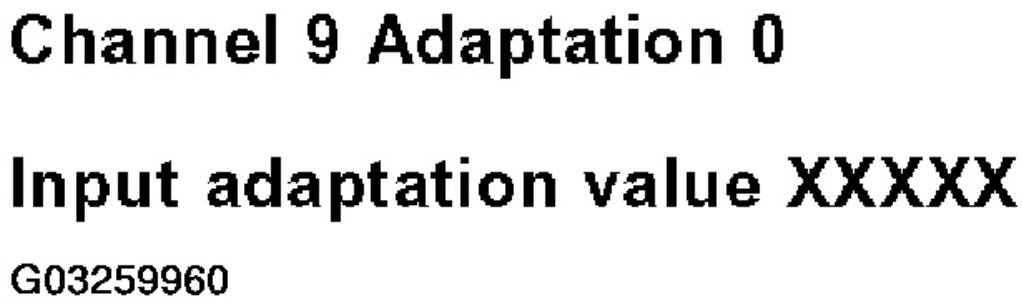


Fig. 21: Exploded View Of Center Console (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

CENTER CONSOLE FROM 05.03 IN SEDAN AND FROM BEGINNING OF PRODUCTION IN CONVERTIBLE, REMOVING AND INSTALLING

WARNING: Before working on electrical system: Disconnect battery Ground (GND) strap. See BATTERY, DISCONNECTING AND RECONNECTING .

NOTE:

- **The removal and installation procedures may have to be modified slightly depending on equipment variants.**

- **Obtain radio unit code before disconnecting battery.**

Removing

- Remove ashtray - 26 -. See **REAR ASHTRAY FROM CENTER CONSOLE FROM 05.03 IN SEDAN AND FROM BEGINNING OF PRODUCTION IN CONVERTIBLE, REMOVING AND INSTALLING** . Remove drink holder - 27 -. See **DRINK HOLDER FROM 02.01, REMOVING AND INSTALLING** .

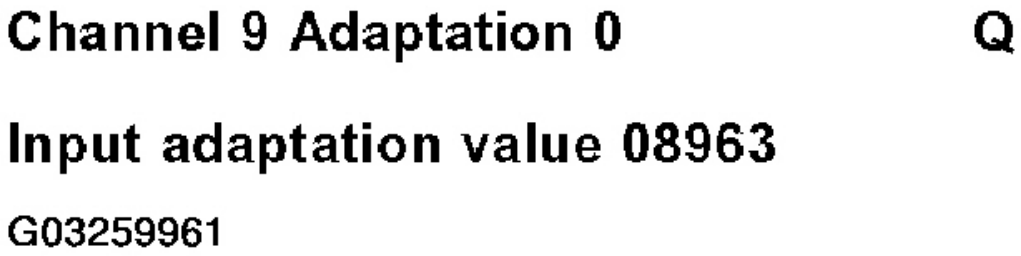


Fig. 22: Exploded View Of Center Console (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull parking brake lever on, release trim using a screwdriver and pull forward off parking brake lever -arrow-.

Fig. 23: Removing Trim And Pulling Parking Brake Lever (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Unclip gearshift boot -1- from center console and slide upward.

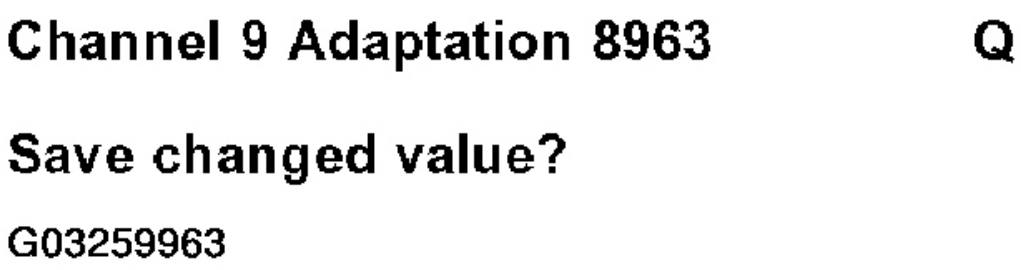


Fig. 24: Removing Gearshift Boot From Center Console
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Only if required for further work, remove clamp -2- and remove gearshift along with boot.

NOTE: Installing clamp: See SELECTOR MECHANISM ON TRANSMISSION SIDE, AS OF 06.99 .

- Pull cover - 8 - off and separate cigarette lighter - 7 - connection.
- Remove stowage tray -11 -.
- Remove screws - 25 -.
- Remove cover - 23 -.
- Remove screws - 22 -.
- Unclip cover - 21 - and pull out upward.
- Unclip cover caps - 3 - and remove screws - 2 -.
- Remove screws -13 -.
- Unclip front of cover - 9 -and pull out upward.

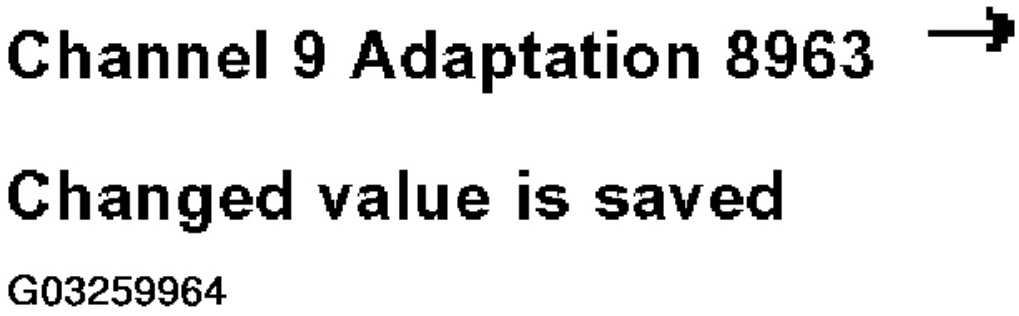


Fig. 25: Exploded View Of Center Console (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove screws - 29 -.
- Remove nut - 30 -.
- Remove armrest - 20 -upward.
- Remove screws - 4 - and -31 -.
- Lift rear of center console -1-, pull to rear and take off upward over the gearshift.

Installing

Install in reverse order of removal.

NOTE: After reconnecting battery, ensure the vehicle equipment (radio, clock, electric windows) is checked as per Workshop manual and/or Owner's manual.

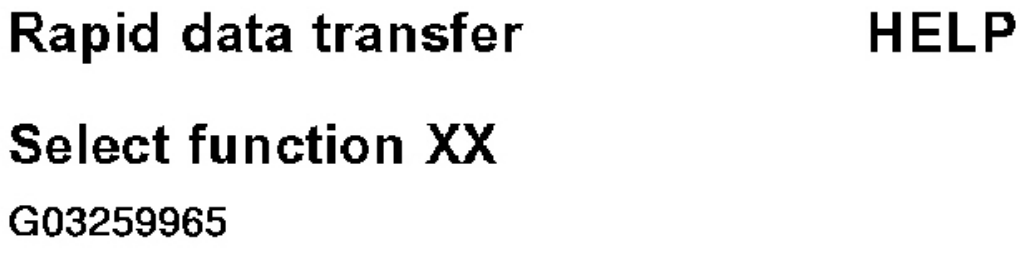


Fig. 26: Exploded View Of Center Console (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

REAR ASHTRAY FROM CENTER CONSOLE FROM 05.03 IN SEDAN AND FROM BEGINNING OF PRODUCTION IN CONVERTIBLE, REMOVING AND INSTALLING

Removing

- To remove, open ashtray -2- and remove ashtray insert. With non-smoker version, remove power socket -1- and separate power socket connections -3-
- Press ashtray in direction of arrow.

Installing

Install in reverse order of removal.

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Fig. 27: Removing Power Socket And Separating Power Socket Connections (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

ARMREST PADDING FROM 05.03 IN SEDAN AND FROM BEGINNING OF PRODUCTION IN CONVERTIBLE, REMOVING AND INSTALLING

Removing

- Pry off cover -1- carefully using a screwdriver.

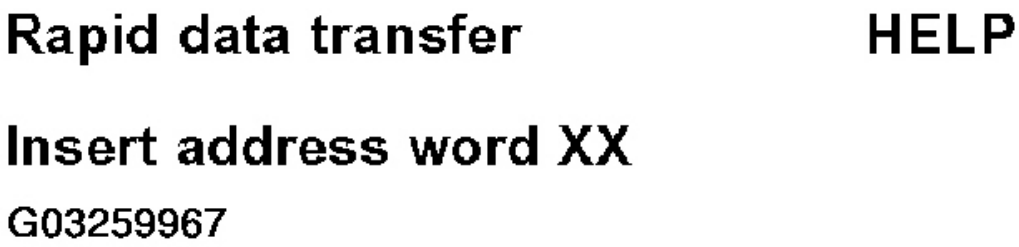


Fig. 28: Prying Off Cover (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Press locking lugs -2- together and release from retaining plate -3- then pull armrest padding -1- off upward -arrow-.

Installing

Install in reverse order of removal.

Fig. 29: Removing Armrest Padding (From 05.03 in Sedan And From Beginning Of Production In Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

TRIM UNDER CENTER OF INSTRUMENT PANEL, REMOVING AND INSTALLING

Removing

- Remove center console. See **CENTER CONSOLE UP TO 01.01, REMOVING AND INSTALLING** .

- Remove screw -1-.
- Remove clip -2-.

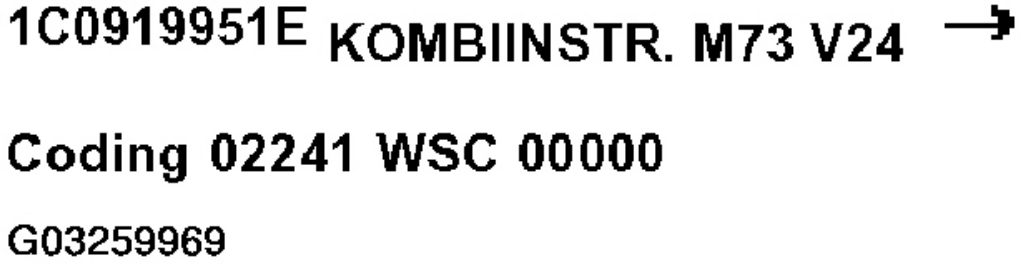


Fig. 30: Removing Clip From Trim Under Center Of Instrument Panel
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove screw -1-.
- Pull trim -2- out to rear -arrow-.

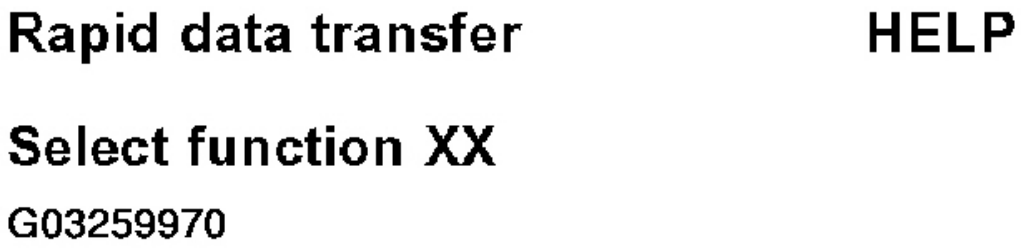


Fig. 31: Removing Trim Under Center Of Instrument Panel Out To Rear
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull connector off for power socket if installed.

Installing

Install in reverse order of removal.

GLOVE BOX, REMOVING AND INSTALLING

Removing

- Release rear of cover -1- from instrument panel -3- and pull off instrument panel to rear.

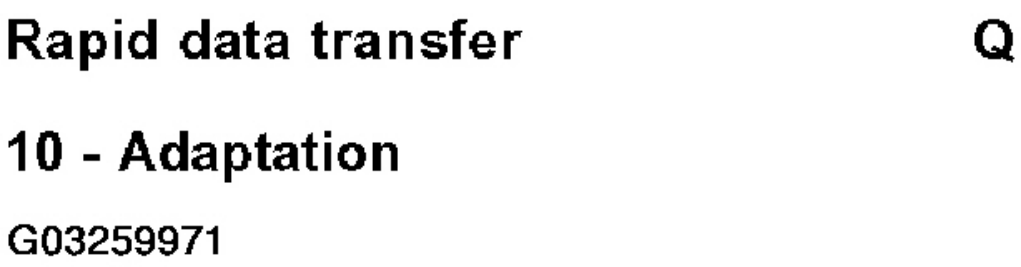


Fig. 32: Removing Rear Of Cover From Instrument Panel
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove bolts/screws -2-.
- Pry off cover caps -1- and remove screws -2-.
- Remove switch mounting -3- from retainer.

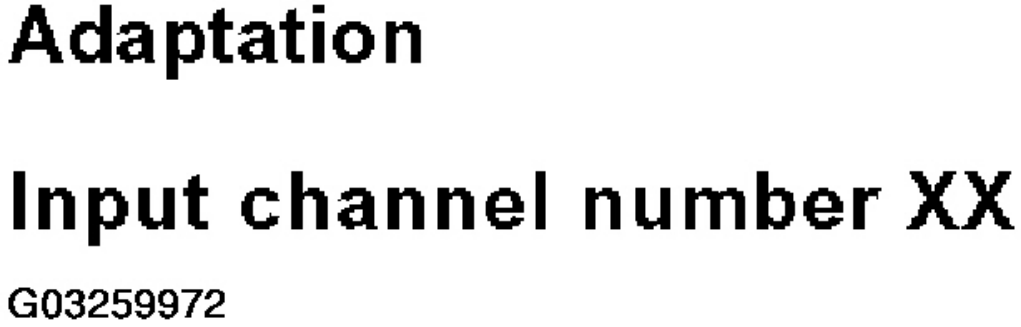


Fig. 33: Removing Switch Mounting From Retainer
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove screws -arrows- (Qty. 6) (screws in the center of the vehicle are hidden under cover caps).

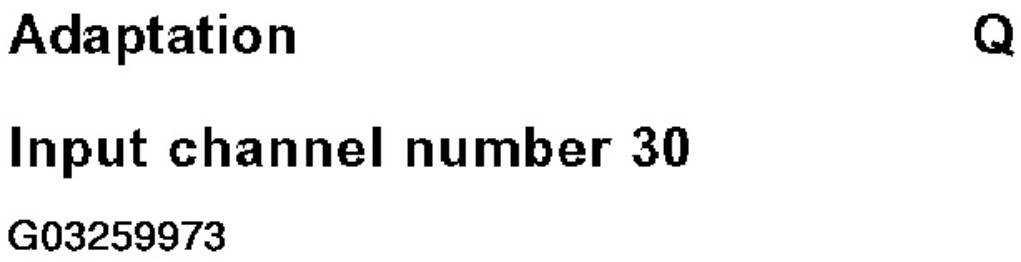


Fig. 34: Removing Glove Box Screws
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove glove box -1-.
- Disconnect glove box lighting connections.

Installing

Install in reverse order of removal.

GLOVE BOX LOCK CYLINDER, REMOVING AND INSTALLING

- In order to avoid damage, cover marked area of flaps -1- and -2-, e.g. with an adhesive tape.
- Cover marked area of water pump pliers -3- with adhesive tape in order to avoid damage of the glove box.

Fig. 35: Covering Marked Area Of Flaps With An Adhesive Tape
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Removing

- Insert ignition key -1- in the lock cylinder -2-.
- Press lock cylinder -in direction of -arrow-outward the handle -3- with water pump pliers.

Installing

- Press lock cylinder into the handle opening until it audibly engages.

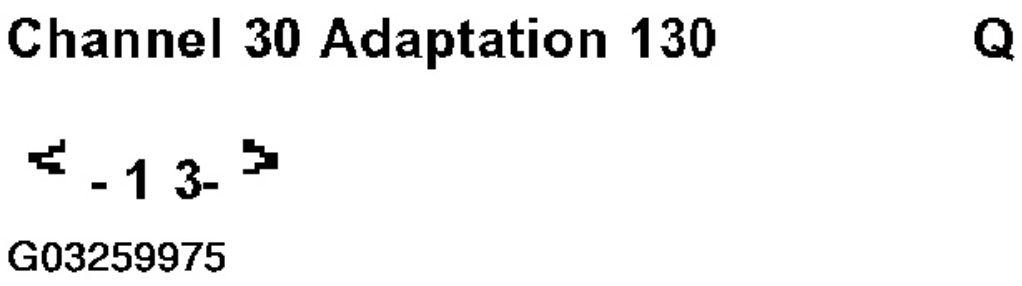


Fig. 36: Pressing Glove Box Lock Cylinder Into The Handle
Courtesy of VOLKSWAGEN OF AMERICA, INC.

GLOVE BOX LID, REMOVING AND INSTALLING

Removing

- Remove glovebox. See **GLOVE BOX, REMOVING AND INSTALLING** .
- Press plastic bolt from left side with pliers and remove in direction of -arrow-.

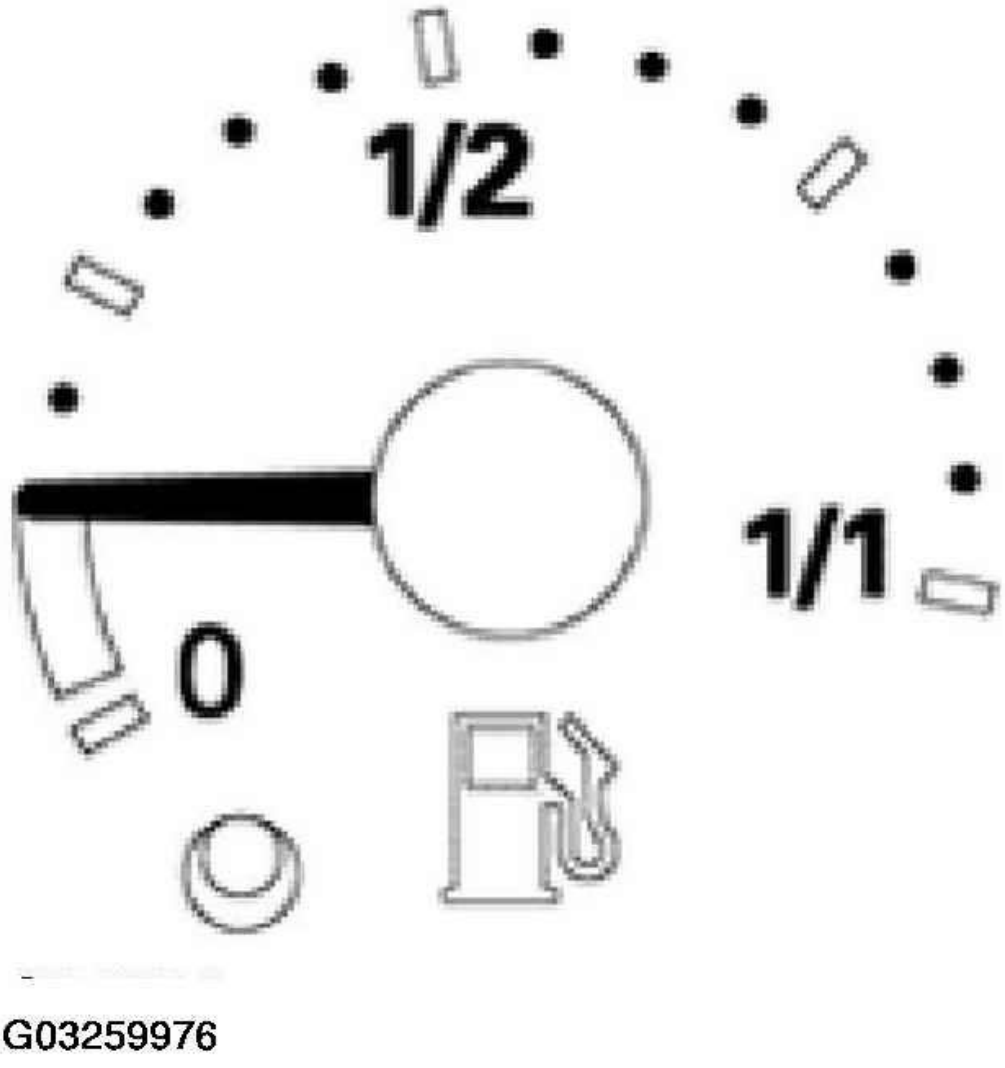


Fig. 37: Pressing Plastic Bolt From Left Side With Pliers
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Use screw driver to remove bolts -1- from hinge.

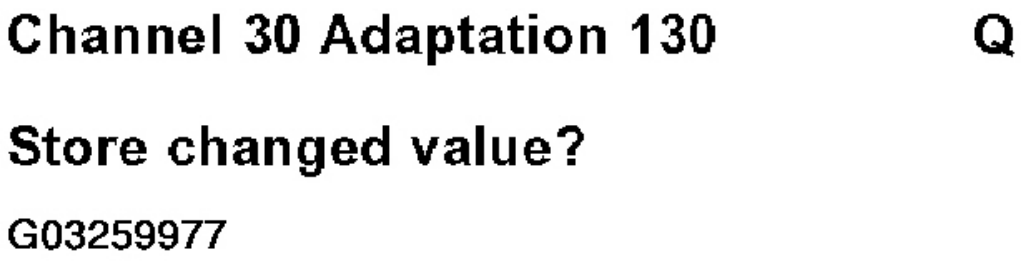


Fig. 38: Removing Bolts From Glove Box Hinge
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove lock cylinder. See **GLOVE BOX LOCK CYLINDER, REMOVING AND INSTALLING** .

Installing

- Install in reverse order of removal.

COVER IN DRIVER'S FOOT WELL, REMOVING AND INSTALLING

Removing

- Remove screws -1-.
- Pull driver's side footwell cover -2- out of retainers -3-.

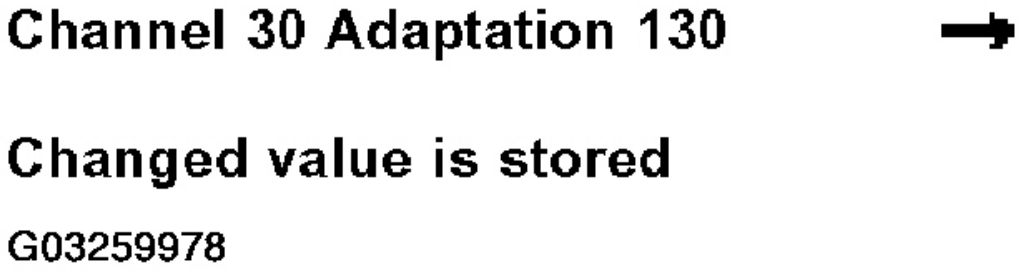


Fig. 39: Pulling Driver'S Side Footwell Cover Out Of Retainers
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

TRIM UNDER STEERING COLUMN, REMOVING

- Pry off cover caps -1- and remove screws -2-.
- Remove switch mounting -3- from retainer.

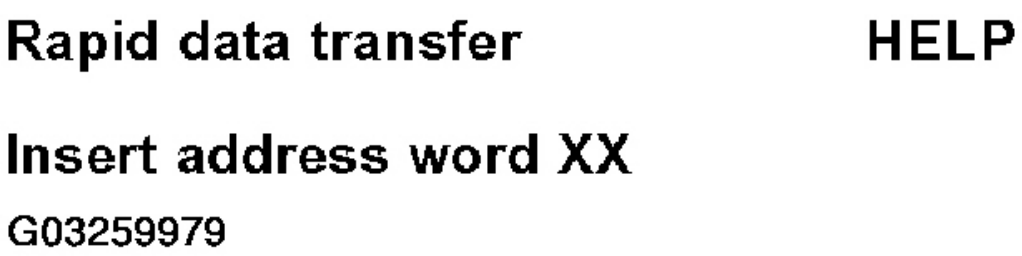


Fig. 40: Removing Switch Mounting From Retainer
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Release rear of cover -1- from instrument panel and pull out.

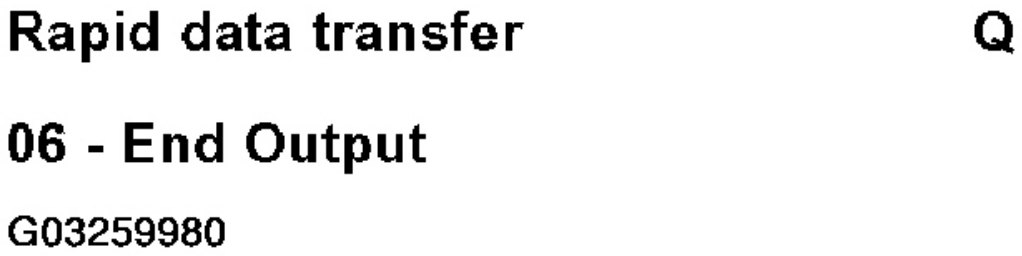


Fig. 41: Removing Rear Of Cover From Instrument Panel (Left Side)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove bolts/screws -2-.
- Turn rotary part -1- of lighting switch to position 0.

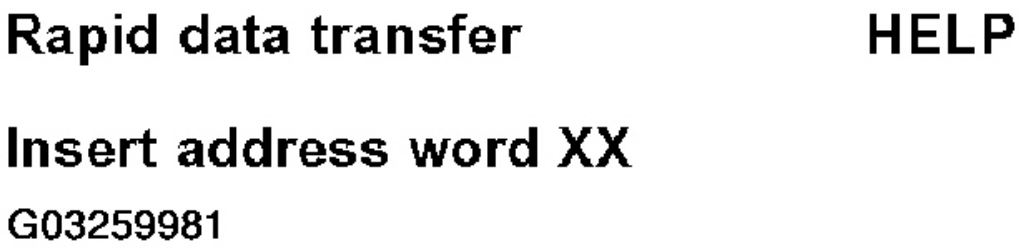
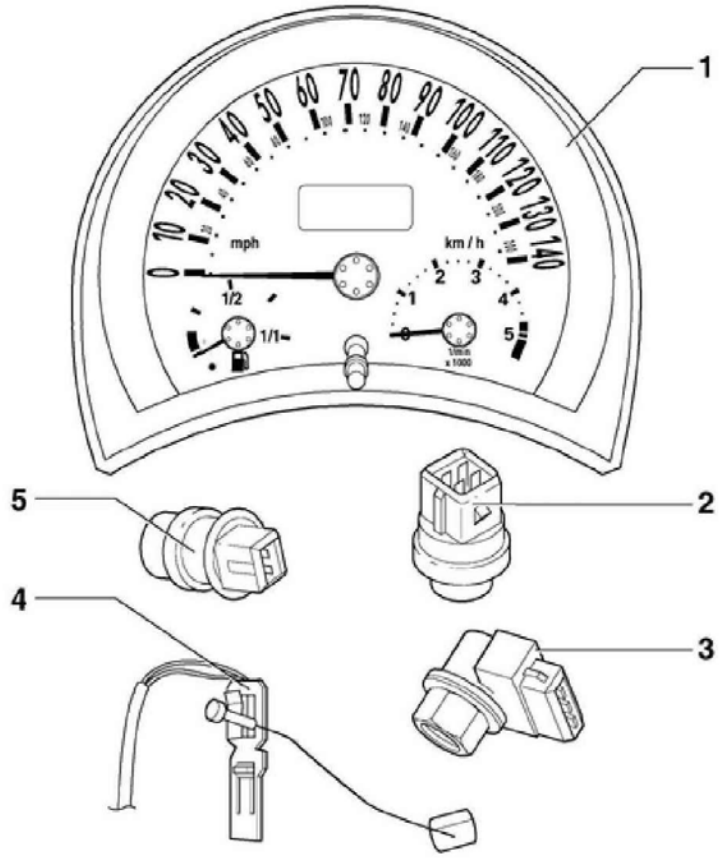


Fig. 42: Turning Rotary Part Of Lighting Switch To Position 0
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Press rotary part inward -arrow A- and then to the right -arrow B-.
- Pull switch out of instrument panel -arrow- -C- and disconnect electrical connections.
- Unclip head light range control switch -2- and disconnect connector.
- Remove screw -arrow- (hidden under a cover cap) from glove box -1-.



1 - Instrument cluster -K-

2 - Engine coolant temperature (ECT) sensor -G2-

3 - Speedometer vehicle speed sensor (VSS) -G22-

4 - Sender for fuel gauge sender -G-

5 - Outside air temperature sensor -G17-

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Fig. 43: Removing Screw From Glove Box
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove the 4 screws -1-.

- Unclip trim -2- upward and remove from instrument panel.

Installing

Install in reverse order of removal.

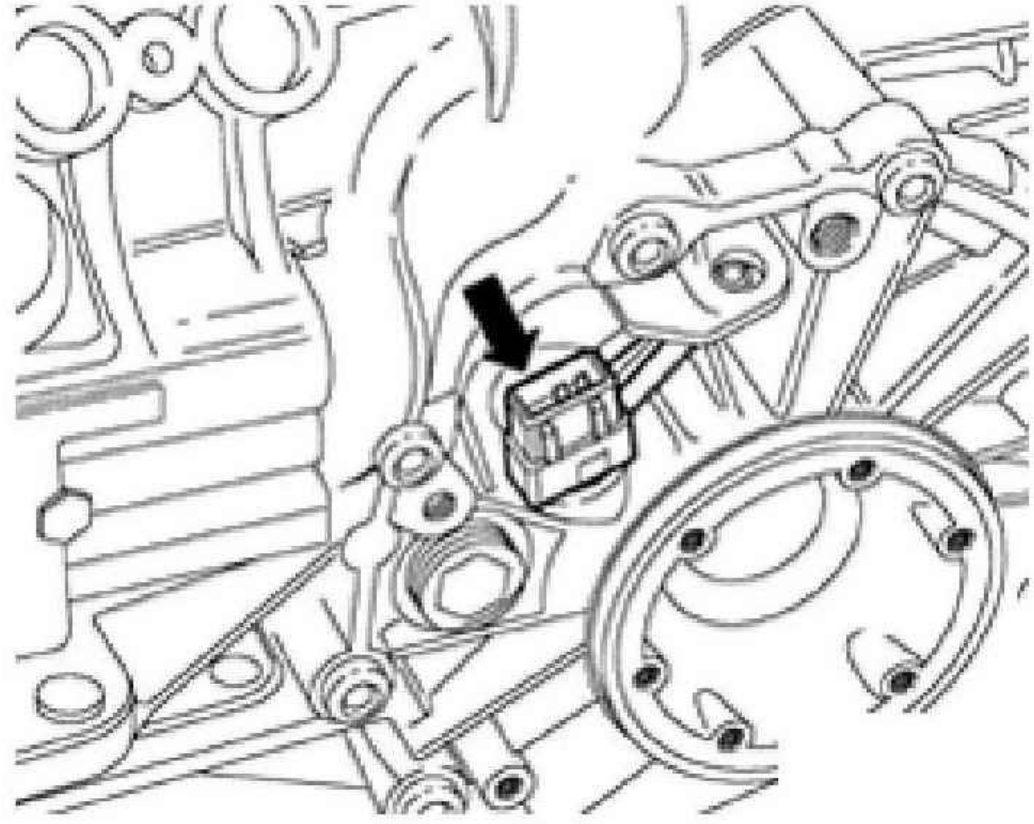

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Fig. 44: Installing Trim Screws
Courtesy of VOLKSWAGEN OF AMERICA, INC.

EYEGLASS COMPARTMENT, REMOVING AND INSTALLING

Eyeglass compartment above windshield (on roof liner - Sedan only)

- Open eyeglass compartment and unclip cover 2- -arrow-.

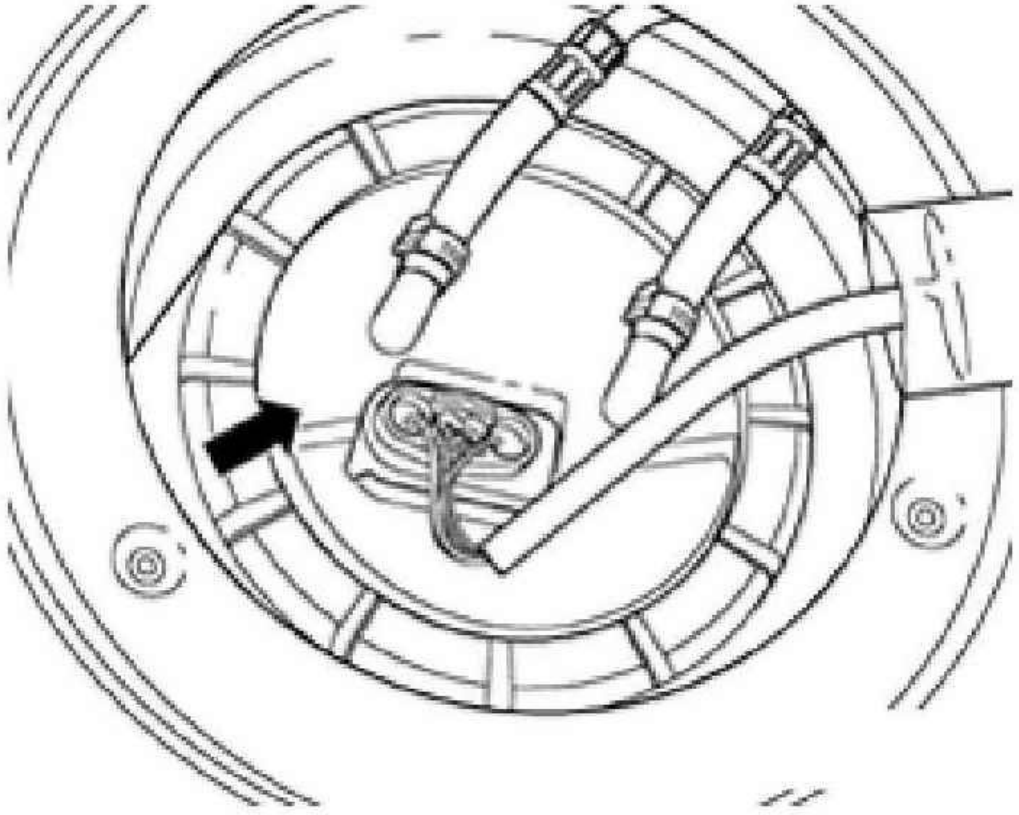

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Fig. 45: Opening Eyeglass Compartment And Removing Cover (On Roof Liner Above Windshield - Sedan Only)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull eyeglass compartment insert toward vehicle interior.
- Remove screws -1- and -3-.
- Take eyeglass compartment off roof liner.

Eyeglass compartment on driver's side (on roof liner - Sedan only)

- Open eyeglass compartment -1- downward.
- Pry cover -2- upward using a screwdriver and fold open.
- Remove Phillips screws -3- and remove eyeglass compartment -1-.

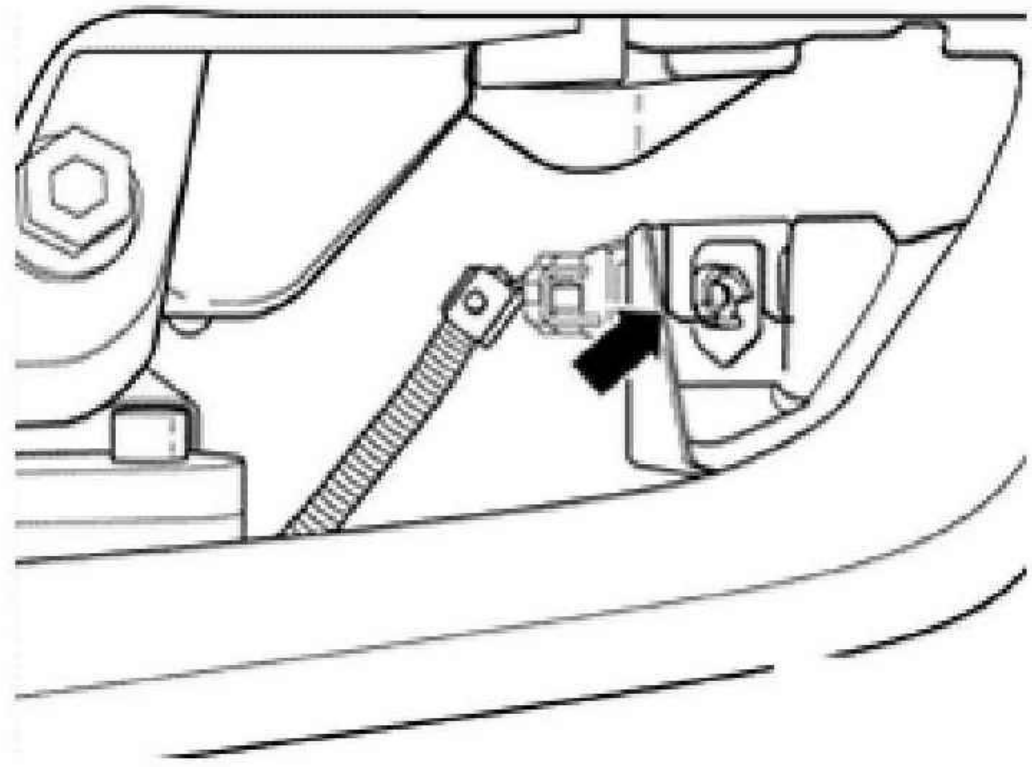

Fig. 46: Opening Eyeglass Compartment (On Roof Liner On Driver's Side - Sedan Only)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

FRONT ARMREST, REMOVING AND INSTALLING

Removing

- Unclip trim -3- from center armrest -1-.
- Remove screw -2- (18 N.m) and remove center armrest.

Fig. 47: Removing Trim From Center Armrest
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

ARMREST LID, REMOVING AND INSTALLING

Removing

- Open armrest lid -1-.
- Press armrest lid -1- in direction of arrow B.

Fig. 48: Opening Armrest Lid
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

- Verify any existing damage of armrest lid base -A-.
- Install in reverse order of removal.

SUN VISOR, REMOVING AND INSTALLING

Removing

- Unhook sun visor -1- from mounting -2-.
- Pry off cover caps -6-.
- Remove screw -5-.
- Release sun visor mounting -4- from mounting and separate connection -3-.
- Pry off cover caps -7-.

- Remove screws -8- and remove mounting -2-.

Fig. 49: Removing Sun Visor From Mounting
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

SUN VISOR (CONVERTIBLE), REMOVING AND INSTALLING

Removing

- Unhook sun visor -1- from mounting -2-.
- Pry off out cover caps -6-.
- Remove screw -5-.

- Release sun visor mounting -4- from mounting and separate connection -3-.
- Pry off cover caps -7-.
- Remove screws -8- and remove mounting -2-.

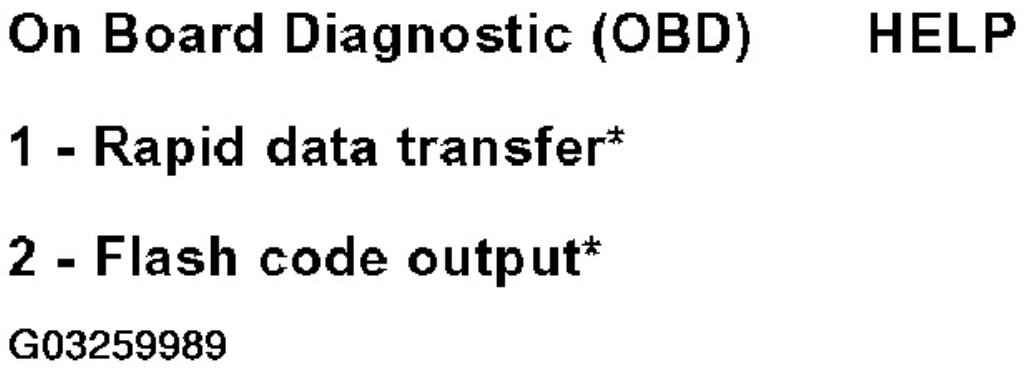

Fig. 50: Removing Sun Visor From Mounting (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

PLENUM CHAMBER INNER COVER, REMOVING AND INSTALLING

Removing

- Slide plenum chamber center cover -1- forward out of its locking device and take off of dash panel - arrow-.

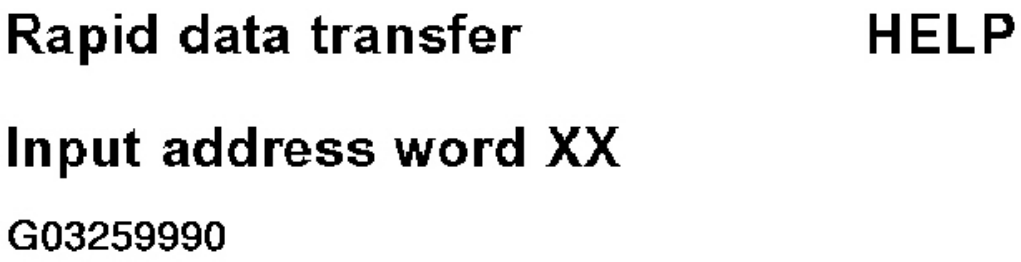

Fig. 51: Sliding Plenum Chamber Center Cover
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Remove screws -1- (Qty. 3).

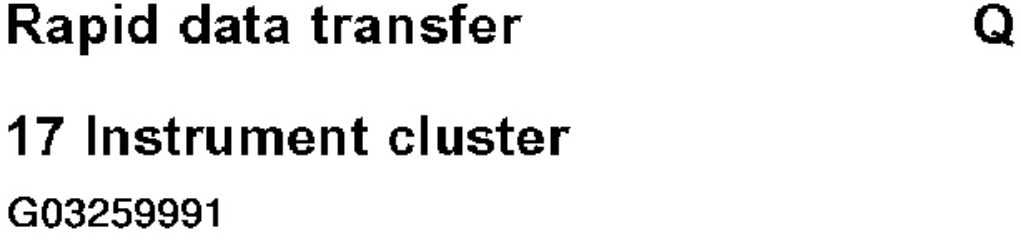

Fig. 52: Removing Screws Under Plenum Chamber
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Lift left-hand plenum chamber cover -1- in the center of the instrument panel -arrow A-, this action unclips the panel (front and rear edges are clipped).

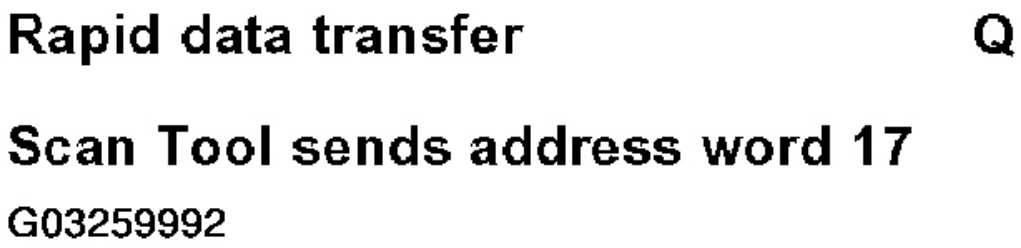

Fig. 53: Lifting Left-Hand Plenum Chamber Cover In Center Of Instrument Panel
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull cover -1- toward center of instrument panel and out of retainers in A-pillar -arrow B-.
- Lift right-hand plenum chamber cover -1- in the center of the instrument panel -arrow A-, this action unclips the panel (front and rear edges are clipped).

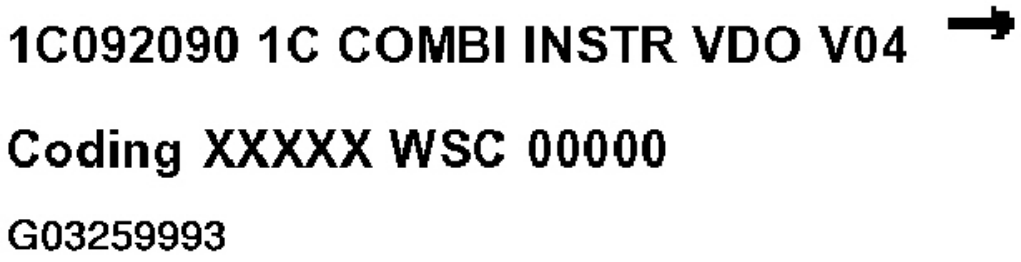

Fig. 54: Lifting Right-Hand Plenum Chamber Cover In Center Of Instrument Panel
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Pull cover -1- toward center of instrument panel and out of retainers in A-pillar -arrow B-.
- Remove securing screws from the right-hand sealing part -1- or the left-hand sealing part -2- and take sealing part off plenum chamber upward.

Fig. 55: Removing Securing Screws From Sealing Parts Of Plenum Chamber
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

CENTER CONSOLE STORAGE NET, REMOVING AND INSTALLING

Removing

- Unhook net -2- and remove net anchorage -1- screws

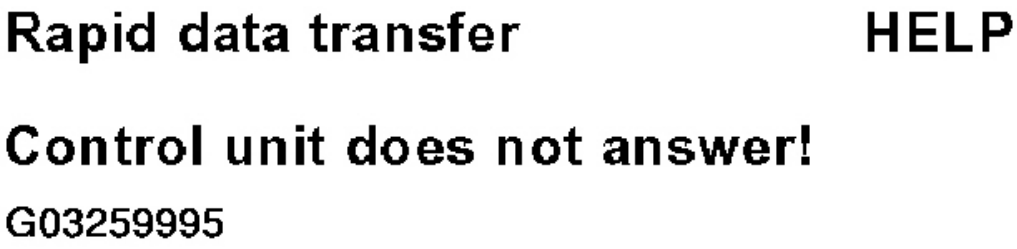

Fig. 56: Removing Net Anchorage Screw
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

INSTRUMENT PANEL HANDLE, REMOVING AND INSTALLING

Removing

- Pull off covers -1-.
- Remove screws -2- and take handle -3- off instrument panel.

Fig. 57: Removing Handle From Instrument Panel
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

HANDLE WITH MOBILE TELEPHONE/CELL PHONE RETAINER (INSTRUMENT PANEL), REMOVING AND INSTALLING

Removing

- Remove screws -3- and -4- from mobile telephone/cell phone retainer
- Take off mobile telephone/cell phone retainer -5-.
- Remove cover -2-.
- Remove screws -1- and remove left retaining plate -6-. Take handle -7- off instrument panel.

Fig. 58: Removing Handle With Mobile Telephone/Cell Phone Retainer (Instrument Panel)

Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

ROOF HANDLE, REMOVING AND INSTALLING

Removing

- Open handle -1- downward.
- Pry cover -2- upward using a screwdriver and fold open.
- Unscrew Phillips screws -3- and remove handle -1-.

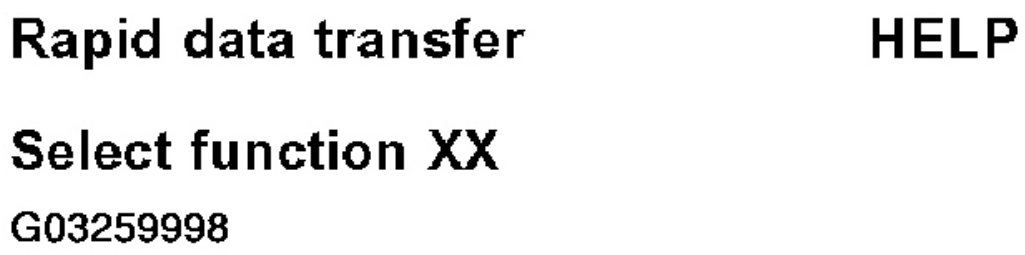

Fig. 59: Removing Roof Handle
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

HOLD STRAPS, REMOVING AND INSTALLING

Removing

- Pry off cover cap -1-.
- Remove screw -2-.

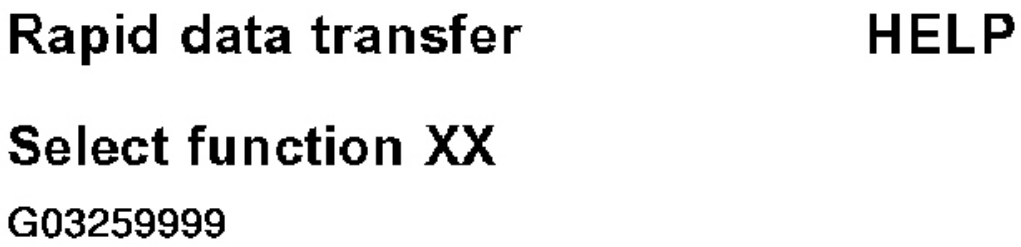

Fig. 60: Removing Hold Straps Screw
Courtesy of VOLKSWAGEN OF AMERICA, INC.

- Slide cover -1- downward.
- Remove screws -2- and take off hold strap.

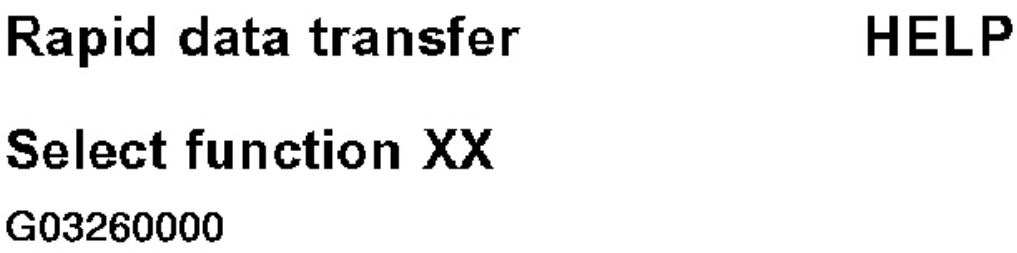

Fig. 61: Removing Hold Strap
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

SILL PANEL TRIM

SILL PANEL TRIM, ASSEMBLY OVERVIEW

NOTE: The sill panel trim strip is partially covered at front by the A-pillar lower trim and at rear by the side panel trim. Retaining clips for these panels seat in the cut-

outs at the ends of the sill panel.

NOTE: The following list refers to items in Fig. 62 .

1. **Sill panel trim strip**
2. **Clip**
   - Qty. 5
3. **Door inner seal**
4. **Carpet**

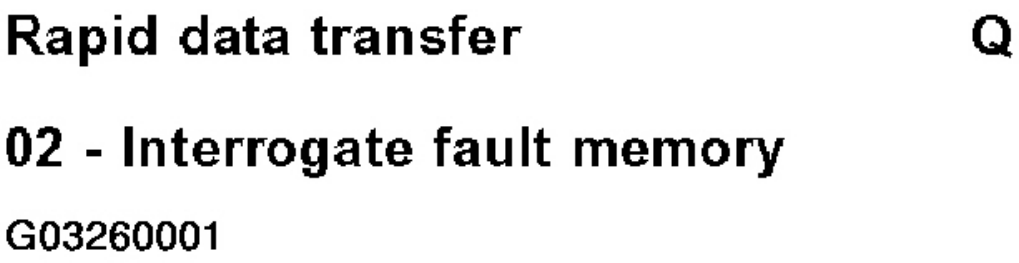

Fig. 62: Identifying Sill Panel Trim
Courtesy of VOLKSWAGEN OF AMERICA, INC.

SILL PANEL TRIM STRIP, REMOVING AND INSTALLING

Removing

- Remove A-pillar lower trim. See **A-PILLAR LOWER TRIM, REMOVING AND INSTALLING** .
- Remove side panel trim. See **SIDE PANEL TRIM, ASSEMBLY OVERVIEW** . For convertible, see **SIDE PANEL TRIM, ASSEMBLY OVERVIEW** .
- Unclip sill panel trim strip -1- upward.

Installing

Install in reverse order of removal.

NOTE:

- **Check clips - 2 - before installing sill panel trim strip and replace as necessary.**
- **Make sure seal -3- is seated correctly after installing sill panel trim strip.**

X faults recognized!

G03260002

Fig. 63: Removing Sill Panel Trim Strip
Courtesy of VOLKSWAGEN OF AMERICA, INC.

SILL PANEL TRIM STRIP (CONVERTIBLE), ASSEMBLY OVERVIEW

NOTE: The sill panel is partially covered at the rear by the side panel trim. Retaining clips for these panels seat in the cut-outs at the ends of the sill panel.

NOTE: The following list refers to items in Fig. 64 .

1. **Sill panel trim strip**
2. **Clip**
   - Qty. 6
3. **Release lever**
   - Removing and installing. See **RELEASE LEVER, REMOVING AND INSTALLING** .
4. **Cover**
5. **Bolt/screw**
6. **Spreader nut**
7. **Carpet**
8. **Door inner seal**

No fault recognized!

G03260003

Fig. 64: Exploded View Of Sill Panel Trim Strip (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

SILL PANEL TRIM STRIP (CONVERTIBLE), REMOVING AND INSTALLING

Removing

- Remove release lever.
- Remove screw -5- and spreader nut -6-.
- Remove side panel trim. See **SIDE PANEL TRIM, REMOVING AND INSTALLING** .
- Unclip sill panel trim strip -1- upward.

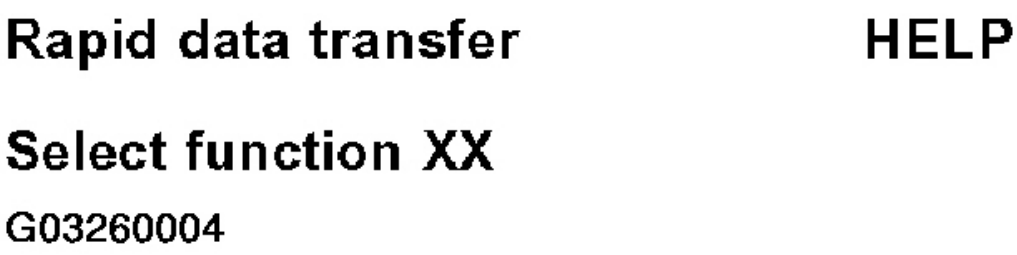

Fig. 65: Removing Sill Panel Trim Strip (Convertible)
Courtesy of VOLKSWAGEN OF AMERICA, INC.

Installing

Install in reverse order of removal.

NOTE:

- **Check clips - 2 - before installing sill panel trim strip and replace as necessary.**
- **Make sure seal -8- is seated correctly after installing sill panel trim strip.**